

# HANDY

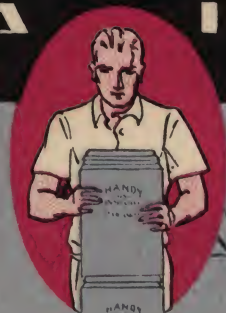
## FURNACE PIPE

CATALOG  
NO. 49

### F. MEYER & BRO. CO.

PEORIA

ILLINOIS



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Mike Jackson, FAIA



# F. MEYER & BRO. CO.

Manufacturers of The

## HANDY FURNACE PIPE

Peoria, Illinois



## FURNACE PIPE

HANDY Double and Single  
Wall Stack  
Cold Air Pipe, Elbows, and  
Shoes

Round Pipe and  
Elbows  
Smoke Pipe, Elbows, Tees,  
Etc.

## REGISTERS

No Streak  
Hart & Cooley  
Floor Registers

Island City  
Jones National  
Wood Cold Air Faces

Vol-Yum  
National  
Floor Faces

## FURNACE ACCESSORIES

## RADIATOR ENCLOSURES AND SHIELDS



Catalog No. 49

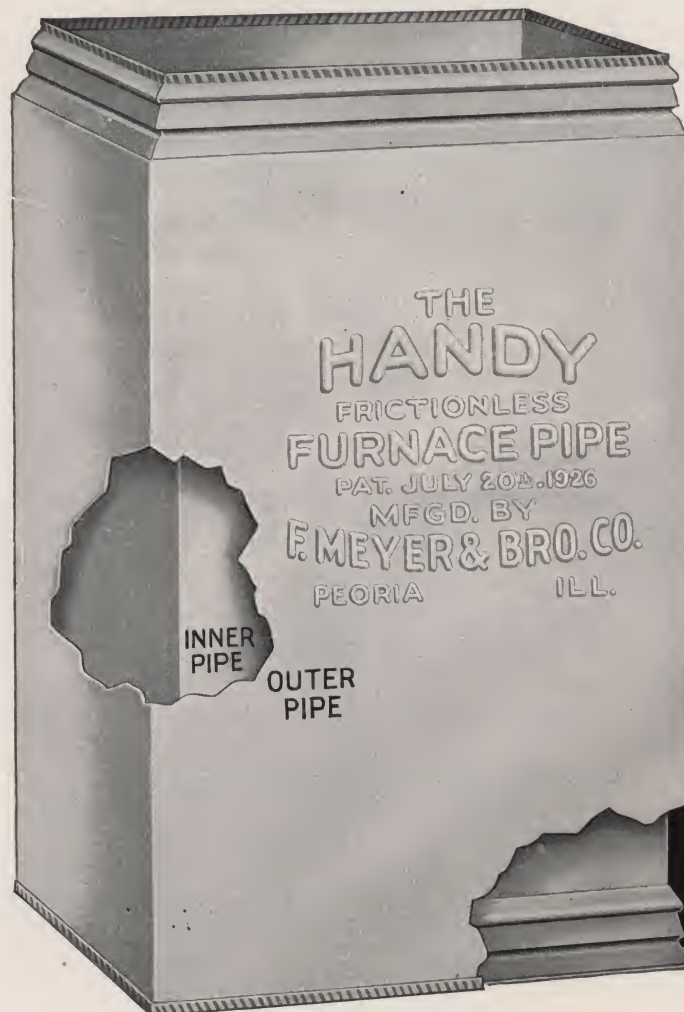
1931



SHOWING

*"Handy" Construction*

FEATURES



Double-Quick, Double-Safe Installation





### HANDY PIPE

Handy Pipe was patented and put on the market in 1894. Always following along the line of improvement, the first One-Tongue, Self-Locking Furnace Pipe was patented by us August 8, 1908. The business has steadily grown through the generous patronage of the Sheet Metal Contractors and Furnace Installers, that we have reason to be proud of the fact that HANDY pipe is used in every part of our great country.

Everyone interested in the future of his business, recognizes the fact that his welfare is closely hinged up to that of the entire industry; any thing that may benefit the Trade is of value to manufacturer as well as the dealer.

### OUR EXPERIENCE

Our company has been in the Sheet Metal Business for 65 years; therefore our experience is of considerable value. We are pleased to share the knowledge we have obtained with our customers, recognizing the fact that our aims and objects are mutual. Our 23 years experience with a One-Tongue Long Slip, Self-Locking Pipe has proven that the HANDY has been superior to any other double wall pipe. Not satisfied to stand still, we have constantly made minor improvements.

### IMPORTANT IMPROVEMENT

Bearing in mind that the One-Tongue, Long Slip feature is distinctive with the HANDY pipe and therefore must be maintained. The Self-Locking feature is changed to a double lock; the slip was formerly attached, now it is a part of the pipe.

### STACK LENGTHS

Eight foot six inch. and 9-ft. ceilings are now in general use, therefore, we are making 30 inch and 24 inch sections, two of each making nine feet. Using 8-in. joists for second floor, it requires 2—30-in., 2—24-in., and 1—2-in. piece for 8-ft. 6-in. ceiling, and 2—30-in., 2—24-in., 1—9-in. piece for 9-ft. ceiling.

### SELF-LOCKING AND FRICTIONLESS

The big feature of our improvement will be readily seen by looking at the cuts of the frictionless boots, elbows and angles shown on the following pages. They are a radical departure from former practice. To produce these fittings required much thought and experimental work, also some very complicated and delicate machinery. We maintain the full air space of 5/16-in. in all boots from the collar to the top.

### ROUND STACK ELBOWS

Our elbows and angles are all double-seamed and also maintain the full air space throughout.

The round easy curves maintained with all fittings, prevent friction, therefore conveying the warm air from furnace to the room without any appreciable loss. This gives assurance that all of the heat produced by the furnace is delivered to the rooms connected with same.

With all of these improved features, it is a direct saving to the house owner as well as the installer. It may cost us more to produce, at the same time it is sold at no advance in price.

### SAFETY

Handy pipe is especially made to prevent the charring of the wood-work coming in contact with the pipe. Through elaborate tests conducted by the University of Illinois, it was demonstrated that a dead air space between the inner and outer walls of a double pipe, adds to its efficiency for conveying the heated air; also prevents overheating of the outer wall of pipe; on this account the holes in the slip of our former pipe have been eliminated.



### STYLES AND SIZES

The following pages show many styles and sizes of pipe, which is calculated to cover practically everything required for furnace installation. It is our aim to standardize wherever possible; special sizes and styles will be furnished on request. Special goods will be charged at a fair price, considering cost of production.

### EXPERT ESTIMATING

One of the "Service" features of this company is that of estimating installation jobs for customers free of any charge. All we need is a set of blue prints, or if blue prints are not available, rough sketches of the floor plans showing the size of the house and rooms, the basement plan, the location of the chimney and the height of ceilings.

We are also prepared to make estimates for galvanized iron pipe in connection with large systems of heating and ventilating; together with registers, grills and everything needed to complete the job.

We assure you absolutely correct cost prices; proper location of the furnace and register openings, and the saving to you of considerable trouble and probably some money.

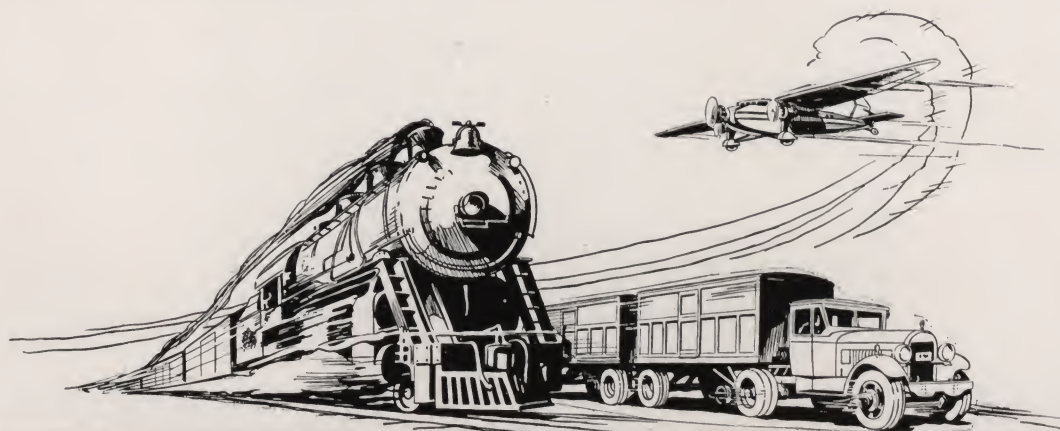
All plans sent to us will receive immediate attention and will be returned without delay. This service costs you absolutely nothing and you are not under any obligation to purchase any or all goods on the estimate from us. We, however, appreciate any such business and it is our aim to make these estimates at the lowest prices.

### "HANDY" PIPE JOBBERS ARE BROADCAST

In practically every section where there is any quantity of business in Warm Air Heating can be found a "Handy" pipe jobber with a full stock of "Handy" pipe in all sizes. This is in addition to our stocks at the factory, which Peoria's shipping facilities make available to everyone. However, we recommend buying from the jobber nearest you when possible.

These jobbers are listed on the next page and are found in nearly every part of the United States.

In closing this story of "Handy" pipe, we wish to thank every customer of the past for the liberal patronage we have received, and to assure them and all prospective customers throughout the length and breadth of the land that we have dedicated our abilities and facilities to keeping "Handy" pipe at the very head of all furnace equipment.



**F. MEYER & BRO. CO.**  
**PEORIA • • • ILLINOIS**



## JOBBERS

Although our shipping facilities to any point in the United States are of the very best, and deliveries are usually made very promptly, we are aware of the fact that sometimes shipments from points closer to destination would be appreciated.

The jobbers named below are all carrying a stock of our pipe, and orders sent to them will receive the very best attention.

### ILLINOIS:

Clark-Smith Hardware Co.....	Peoria
Isaac Walker Hardware Co.....	Peoria
Rock Island Register Co.....	Rock Island
C. H. Wurst Co.....	Quincy
P. H. Ma Girl Foundry & Furnace Works.....	Bloomington
Benoist Bros. Hardware & Supply Co.....	Mt. Vernon

### INDIANA:

Standard Metal Co.....	Indianapolis
Ohio Valley Hardware & Roofing Co.....	Evansville
Schaab Roofing & Supply Co.....	Ft. Wayne

### KANSAS:

Lee Hardware Co.....	Salina
Blish, Mize & Silliman Hardware Co.....	Atchison
Harwi Hardware Co.....	Atchison

### MINNESOTA:

Marshall-Wells Co.....	Duluth
XXth Century Furnace Co.....	Minneapolis

### MISSOURI:

The Meyer Furnace & Supply Co.....	Kansas City
The Wyeth Hdwe. and Mfg. Co.....	St. Joseph
Aalco Furnace & Supply Co.....	St. Louis

### NEBRASKA:

Standard Furnace & Supply Co.....	Omaha
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### PENNSYLVANIA:

Demmler Bros. Co.....	Pittsburgh
McClure-Johnston Co.....	Pittsburgh

### TEXAS:

Moncrief Furnace and Mfg. Co.....	Dallas
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### WISCONSIN:

The Badger Furnace Co.....	Appleton
The MacIntyre Co., Inc.....	Fond du Lac
Metal Service Co.....	Green Bay
Schwab Furnace & Manufacturing Co.....	Milwaukee

THE "HANDY" PIPE has been tested by the Underwriters' Laboratories, and it has been proven beyond a doubt that it is the safest and most efficient pipe that can be used for conveying warm air from furnaces.

This card issued by Underwriters' Laboratories, Inc., principal offices and testing station 207 E. Ohio Street, Chicago, Ill., and was sent to all the leading insurance companies in the United States

145--May 20, 1911,

Hazards, Miscellaneous  
FURNACE PIPE, Warm Air

Tests and investigations conducted by the Underwriters' Laboratories, Inc., on single wall, single wall asbestos covered and double wall, warm air furnace pipe made by the manufacturers, show that the use of any of these types in connection with warm air furnaces involves an appreciable fire hazard and warrants the utmost care in their installation. Double wall furnace pipe is the most efficient and least hazardous and its use is therefore recommended in preference to the single wall or single wall asbestos covered pipe.

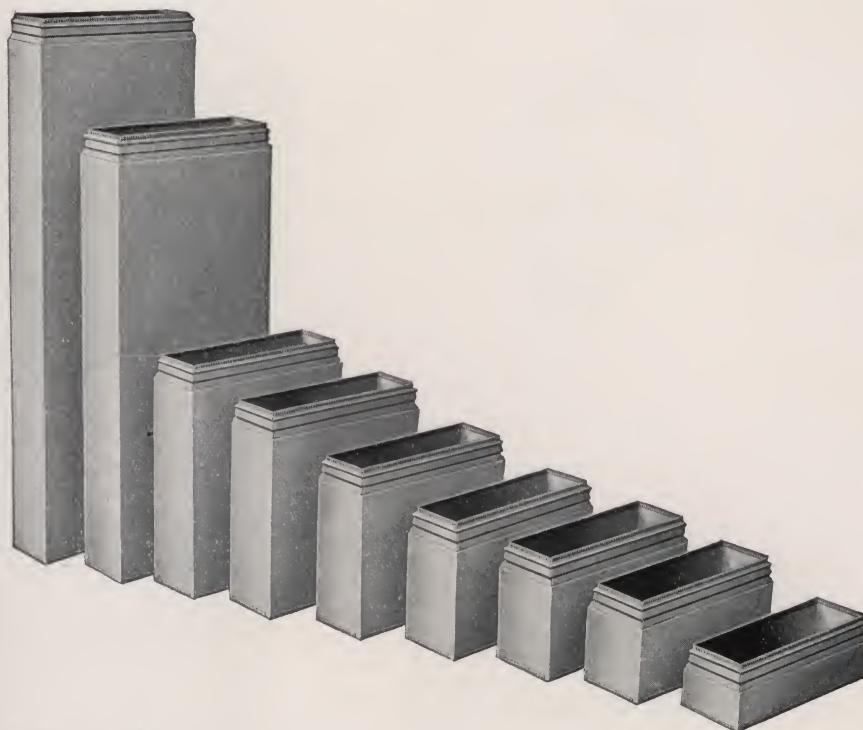
As it is certainly your aim to give your customers the best, the above recommendation should appeal to you. If you are not already using the "HANDY," one trial will convince you that the above statement is true. It will also save you some money and show you where you can make more money on your furnace work.

**F. MEYER & BRO. CO.**

PEORIA, ILL.



## HANDY DOUBLE WALL STACK



Adjustable Joint

Made in the  
following lengths:  
2-4-6-9-12-24-30 inch.

## HANDY DOUBLE WALL STACK

## LIST PRICES

Number of Stack	No. 5	No. 6	No. 7	No. 8	No. 9	No. 11	No. 12
Inside Size	2 $\frac{5}{8}$ x 10	2 $\frac{5}{8}$ x 12	3 x 10	3 x 12	3 x 13	4 $\frac{3}{8}$ x 13	4 $\frac{3}{8}$ x 14
Outside Size	3 $\frac{1}{4}$ x 10 $\frac{5}{8}$	3 $\frac{1}{4}$ x 12 $\frac{5}{8}$	3 $\frac{5}{8}$ x 10 $\frac{5}{8}$	3 $\frac{5}{8}$ x 12 $\frac{5}{8}$	3 $\frac{5}{8}$ x 13 $\frac{5}{8}$	5 x 13 $\frac{5}{8}$	5 x 14 $\frac{5}{8}$
2-inch Piece	\$ .50	\$ .60	\$ .50	\$ .60	\$ .75	\$ .85	\$ .90
4-inch Piece	.60	.70	.60	.70	.85	.95	1.00
6-inch Piece	.70	.80	.70	.80	.95	1.05	1.15
9-inch Piece	.90	1.00	.90	1.00	1.25	1.35	1.45
12-inch Piece	1.00	1.15	1.00	1.15	1.40	1.60	1.75
24-inch Piece	1.80	2.00	1.80	2.00	2.40	2.80	3.15
30-Inch Piece	2.25	2.50	2.25	2.50	3.00	3.50	3.95
Adj. Joint	1.50	1.65	1.50	1.65	2.00	2.75	3.25

Handy Furnace Pipe is not sold by the foot but by the piece.

## HANDY DOUBLE WALL STACK HEADS



No. 2 Head Horizontal

Horizontal Wall Stack Heads are made to fit any Standard Floor, Baseboard or Wafer Register.



No. 3 Head Horizontal



No. 2 Head Vertical

Vertical Wall Stack Heads are made to fit any Standard Floor or Wafer Register.



No. 3 Head Vertical



No. 1 Stack Head

No. 1 and 1½ Stack Heads are made to fit any Standard Floor Register.



No. 1½ Stack Head

When ordering, specify number of head, size of Wall Stack, and size, make and style of Register.

List Prices on Page 13



## Handy Double Wall Stack Boots and Boot Combinations



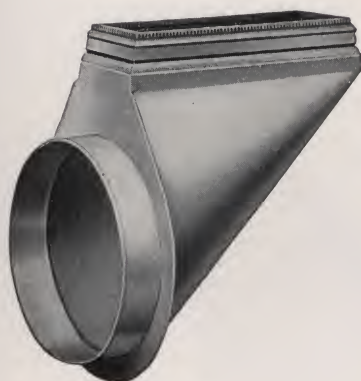
No. 10 Boot



No. 11 Boot



No. 12 Boot



No. 18 Boot



No. 10 Boot and  
No. 16 Elbow



No. 12 Boot and  
No. 6 Angle



No. 12 Boot and  
No. 6 Angle



No. 12 Boot and  
No. 16 Elbow

When ordering, specify number of Fitting, size of Wall Stack, and size of Pipe Collar.

List Prices on Page 13

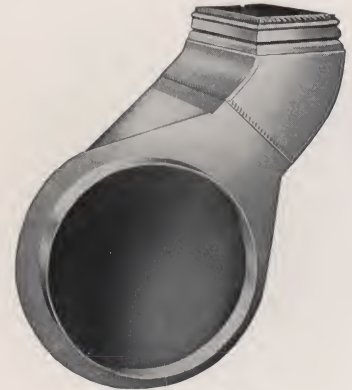
## HANDY BOOT COMBINATIONS



No. 18 Boot and  
No. 6 Angle



No. 11 Boot and  
No. 16 Elbow



No. 18 Boot and  
No. 6 Angle

## SINGLE BOOTS WITH HANDY DOUBLE SLIP



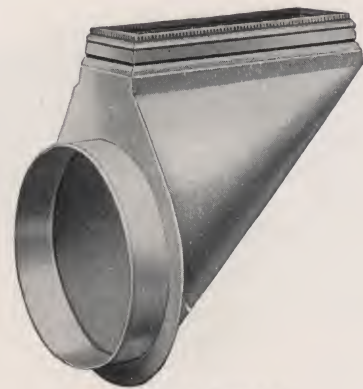
No. 5 Single Boot with  
Handy Double Slip



No. 7 Single Boot with  
Handy Double Slip



No. 13 Single Boot with  
Handy Double Slip



No. 17 Single Boot with  
Handy Double Slip

When ordering, specify number of Fitting, size of Wall Stack, and size of Pipe Collar.

List Prices on Page 13

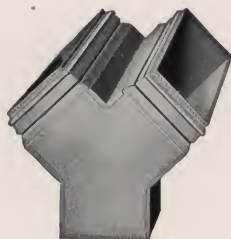


# HANDY DOUBLE WALL STACK FITTINGS

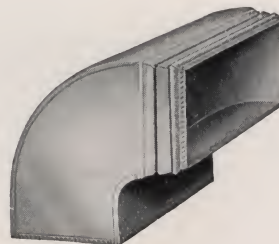
## ELBOWS AND Y's



No. 6 45° Angle



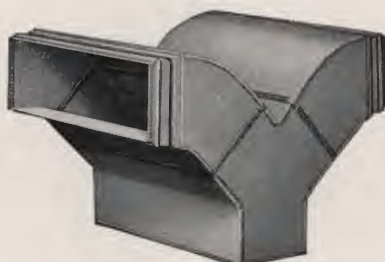
No. 28 Y



No. 16 90° Elbow



No. 9 45° Angle



No. 28 Y with two No. 6 Angles



No. 90 90° Square Elbow



2 No. 9 Angles



No. 15 Reducer  
Or Increaser



2 No. 6 Angles

When ordering, specify number of Fitting and size of Wall Stack.

List Prices on Page 13

## HANDY DOUBLE WALL STACK FITTINGS

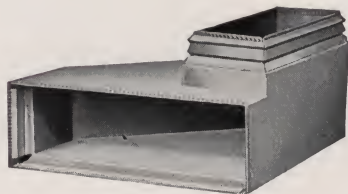
## ELBOWS AND TEES



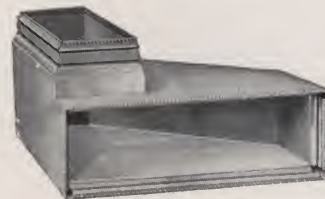
No. 21 Reverse Elbow



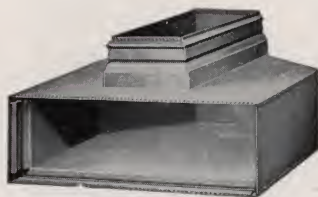
No. 22 Reverse Elbow



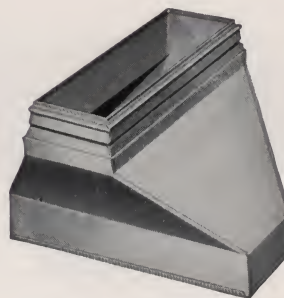
No. 23 Reverse Elbow



No. 24 Reverse Elbow



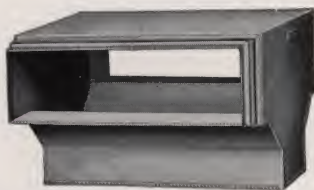
No. 25 Reverse Elbow



No. 27 Reverse Joint



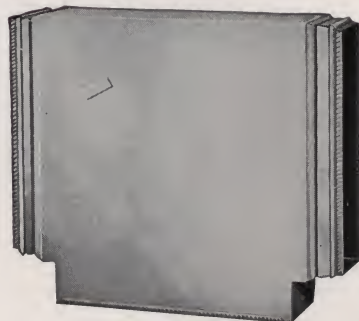
No. 26 Reverse Elbow



No. 4 Tee



No. 40 Tee



No. 5 Side Tee



No. 14 Reducing Tee

When ordering, specify number of Fitting and size of Wall Stack.

List Prices on Page 13



## HANDY DOUBLE WALL STACK FITTINGS

## LIST PRICES

Number of Stack	No. 5	No. 6	No. 7	No. 8	No. 9	No. 11	No. 12
Inside Size	2 $\frac{5}{8}$ x 10	2 $\frac{5}{8}$ x 12	3 x 10	3 x 12	3 x 13	4 $\frac{3}{8}$ x 13	4 $\frac{3}{8}$ x 14
Outside Size	3 $\frac{1}{4}$ x 10 $\frac{5}{8}$	3 $\frac{1}{4}$ x 12 $\frac{5}{8}$	3 $\frac{5}{8}$ x 10 $\frac{5}{8}$	3 $\frac{5}{8}$ x 12 $\frac{5}{8}$	3 $\frac{5}{8}$ x 13 $\frac{5}{8}$	5 x 13 $\frac{5}{8}$	5 x 14 $\frac{5}{8}$
Register Size	8 x 10	8 x 12 9 x 12	8 x 10	8 x 12 9 x 12	9 x 12 10 x 12	10 x 12	10 x 14
Standard Size Collar in Boot	8-inch	9-inch	8-inch	9-inch	10-inch	10 or 12-inch	12-inch
Stack Heads All Styles	\$2.05	\$2.20	\$2.05	\$2.20	\$2.40	\$3.40	\$3.75
Boots No. 10-11-12	2.10	2.35	2.10	2.35	2.70	3.50	3.90
Boot No. 18	2.30	2.50	2.30	2.50	2.75	3.90	4.25
Boots No. 5-7-13 with Handy Double Slip	1.35	1.55	1.35	1.55	1.80	2.00	2.25
Boot No. 17 with Handy Double Slip	1.50	1.65	1.50	1.65	2.00	2.75	3.25
Elbow No. 16	1.40	1.50	1.40	1.50	1.80	2.80	3.10
Elbow No. 90	2.30	2.50	2.30	2.50	2.75	3.90	4.25
Angle No. 6	.80	.90	.80	.90	1.10	1.60	2.00
Angle No. 9	1.20	1.30	1.20	1.30	1.60	2.25	2.75
"Y" No. 28	2.00	2.15	2.00	2.15	2.55	3.85	4.25
Reducer or Increaser No. 15	1.70	1.80	1.70	1.80	2.15	3.25	4.00
Reverse Elbows No. 21-22-23-24-25-26	4.00	4.35	4.00	4.35	5.35	6.00	6.65
Reverse Joint No. 27	4.00	4.35	4.00	4.35	5.35	6.00	6.65
Tees No. 4-40	2.00	2.15	2.00	2.15	2.55	3.85	4.25
Reducing Tee No. 14	4.00	4.35	4.00	4.35	5.35	6.00	6.65
Tee No. 5	2.80	3.15	2.80	3.15	3.60	4.60	5.20

## HANDY WALL STACK CASES

### THE "HANDY" FURNACE PIPE

is sent in any quantity desired, but for convenience we pack it in 4, 6 and 8-stack cases. When a case of certain size Pipe is ordered, we will ship same with fittings, as designated below, using:

8-inch collars in boots with 8x10 register heads for Nos. 5 and 7 pipe.  
 9-inch collars in boots with 9x12 register heads for Nos. 6 and 8 pipe.  
 10-inch collars in boots with 10x12 register heads for Nos. 9 and 11 pipe.  
 12-inch collars in boots with 10x14 register heads for No. 12 pipe.

We specify the No. 12 boot, as this can be used to best advantage, but can change the above fittings to any other style, if otherwise desired.

### FOUR STACK CASE

Contains Enough Pipe and Fittings for Four Ordinary Stacks

	No. 5 or 7	No. 6 or 8	No. 9	No. 11	No. 12
Eight 30-inch Lengths.....	\$18.00	\$20.00	\$24.00	\$28.00	\$31.60
Eight 24-inch Lengths.....	14.40	16.00	19.20	22.40	25.20
Four 9-inch Lengths.....	3.60	4.00	5.00	5.40	5.80
Four 6-inch Lengths.....	2.80	3.20	3.80	4.20	4.60
Four 4-inch Lengths.....	2.40	2.80	3.40	3.80	4.00
Four 2-inch Lengths.....	2.00	2.40	3.00	3.40	3.60
Four No. 2 Heads.....	8.20	8.80	9.60	13.60	15.00
Four No. 12 Boots.....	8.40	9.40	10.80	14.00	15.60
Eight No. 6 Angles.....	6.40	7.20	8.80	12.80	16.00
List Prices.....	\$66.20	\$73.80	\$87.60	\$107.60	\$121.40

### SIX-STACK CASE

Contains Enough Pipe and Fittings for Six Ordinary Stacks

	No. 5 or 7	No. 6 or 8	No. 9	No. 11	No. 12
Twelve 30-inch Lengths.....	\$27.00	\$30.00	\$36.00	\$42.00	\$47.40
Twelve 24-inch Lengths.....	21.60	24.00	28.80	33.60	37.80
Six 9-inch Lengths.....	5.40	6.00	7.50	8.10	8.70
Six 6-inch Lengths.....	4.20	4.80	5.70	6.30	6.90
Six 4-inch Lengths.....	3.60	4.20	5.10	5.70	6.00
Six 2-inch Lengths.....	3.00	3.60	4.50	5.10	5.40
Six No. 2 Heads.....	12.30	13.20	14.40	20.40	22.50
Six No. 12 Boots.....	12.60	14.10	16.20	21.00	23.40
Twelve No. 6 Angles.....	9.60	10.80	13.20	19.20	24.00
List Prices.....	\$99.30	\$110.70	\$131.40	\$161.40	\$182.10

### EIGHT-STACK CASE

Contains Enough Pipe and Fittings for Eight Ordinary Stacks

	No. 5 or 7	No. 6 or 8	No. 9	No. 11	No. 12
Sixteen 30-inch Lengths.....	\$36.00	\$40.00	\$48.00	\$56.00	\$63.20
Sixteen 24-inch Lengths.....	28.80	32.00	38.40	44.80	50.40
Eight 9-inch Lengths.....	7.20	8.00	10.00	10.80	11.60
Eight 6-inch Lengths.....	5.60	6.40	7.60	8.40	9.20
Eight 4-inch Lengths.....	4.80	5.60	6.80	7.60	8.00
Eight 2-inch Lengths.....	4.00	4.80	6.00	6.80	7.20
Eight No. 2 Heads.....	16.40	17.60	19.20	27.20	30.00
Eight No. 12 Boots.....	16.80	18.80	21.60	28.00	31.20
Sixteen No. 6 Angles.....	12.80	14.40	17.60	25.60	32.00
List Prices.....	\$132.40	\$147.60	\$175.20	\$215.20	\$242.80

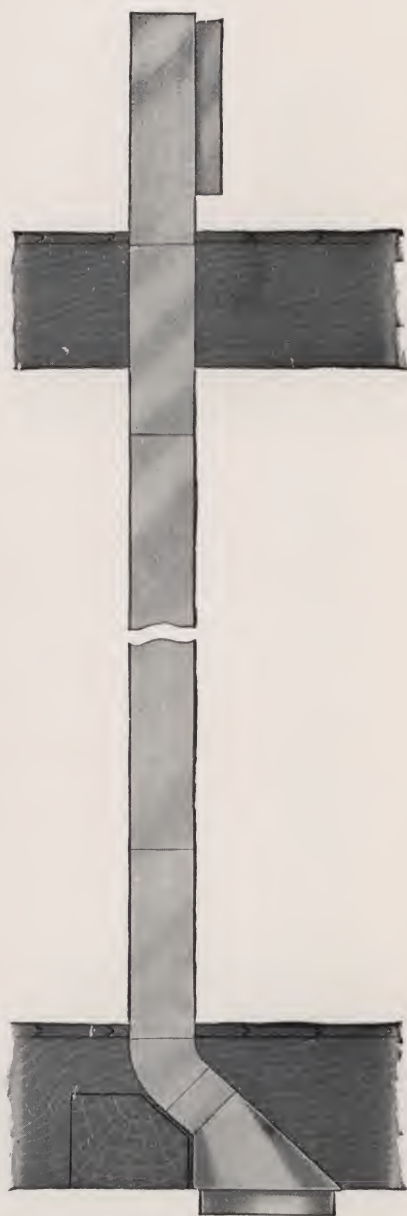
### Case Containing 25 Feet of Stack

	No. 5 or 7	No. 6 or 8	No. 9	No. 11	No. 12
Four 30-inch Lengths.....	\$ 9.00	\$10.00	\$12.00	\$14.00	\$15.80
Four 24-inch Lengths.....	7.20	8.00	9.60	11.20	12.60
Four 9-inch Lengths.....	3.60	4.00	5.00	5.40	5.80
Four 6-inch Lengths.....	2.80	3.20	3.80	4.20	4.60
Four 4-inch Lengths.....	2.40	2.80	3.40	3.80	4.00
Four 2-inch Lengths.....	2.00	2.40	3.00	3.40	3.60
List Prices.....	\$27.00	\$30.40	\$36.80	\$42.20	\$46.40

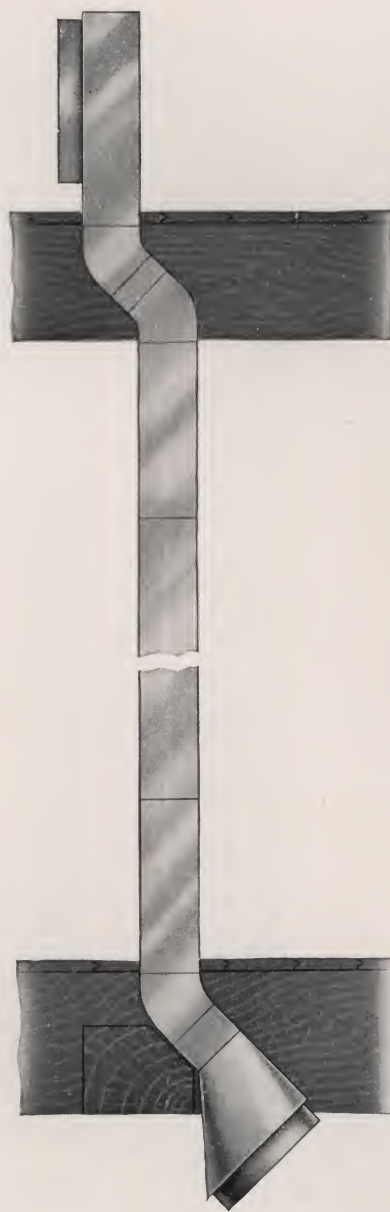
### FOR CONVENIENCE

The Stack Cases described are a convenient method to order by, as enough pipe and fittings are included to complete one or more stacks. Changes in pieces or fittings will be made if specified.





No. 1



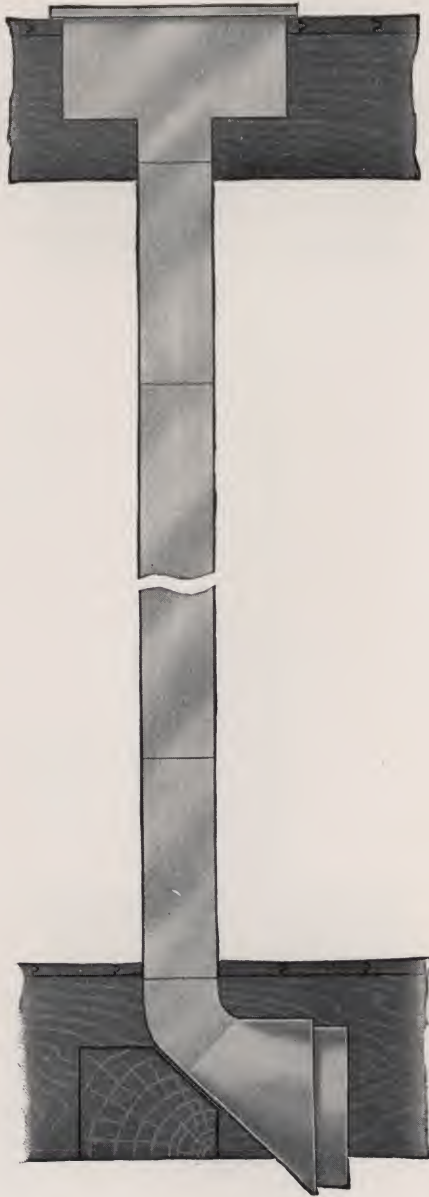
No. 2

This is the most desirable Stack to use.

	No. 5 or 7	No. 6 or 8	No. 9	No. 11	No. 12
1—No. 2 Head.....	\$ 2.05	\$ 2.20	\$ 2.40	\$ 3.40	\$ 3.75
1—No. 6 Angle.....	.80	.90	1.10	1.60	2.00
1—No. 12 Boot.....	2.10	2.35	2.70	3.50	3.90
2—30-in. Lengths.....	4.50	5.00	6.00	7.00	7.90
2—24-in. Lengths.....	3.60	4.00	4.80	5.60	6.30
1—6-in. Length.....	.70	.80	.95	1.05	1.15
1—4-in. Length.....	.60	.70	.85	.95	1.00
1—2-in. Length.....	.50	.60	.75	.85	.90
List Prices.....	\$14.85	\$16.55	\$19.55	\$23.95	\$26.90

	No. 5 or 7	No. 6 or 8	No. 9	No. 11	No. 12
1—No. 2 Head.....	\$ 2.05	\$ 2.20	\$ 2.40	\$ 3.40	\$ 3.75
1—No. 10 Boot.....	2.10	2.35	2.70	3.50	3.90
3—No. 6 Angles.....	2.40	2.70	3.30	4.80	6.00
2—30-in. Lengths.....	4.50	5.00	6.00	7.00	7.90
2—24-in. Lengths.....	3.60	4.00	4.80	5.60	6.30
1—6-in. Length.....	.70	.80	.95	1.05	1.15
1—4-in. Length.....	.60	.70	.85	.95	1.00
1—2-in. Length.....	.50	.60	.75	.85	.90
List Prices.....	\$17.25	\$18.35	\$21.75	\$27.15	\$30.90

These Stacks are figured for nine foot ceilings.



No. 3

	No. 5 or 7	No. 6 or 8	No. 9	No. 11	No. 12
1—No. 1 or 1½ Head.....	\$ 2.05	\$ 2.20	\$ 2.40	\$ 3.40	\$ 3.75
1—No. 6 Angle.....	.80	.90	1.10	1.60	2.00
1—No. 12 Boot.....	2.10	2.35	2.70	3.50	3.90
2—30-in. Lengths.....	4.50	5.00	6.00	7.00	7.90
2—24-in. Lengths.....	3.60	4.00	4.80	5.60	6.30
1—6-in. Length.....	.70	.80	.95	1.05	1.15
1—4-in. Length.....	.60	.70	.85	.95	1.00
1—2-in. Length.....	.50	.60	.75	.85	.90
List Prices.....	\$14.85	\$16.55	\$19.55	\$23.95	\$26.90

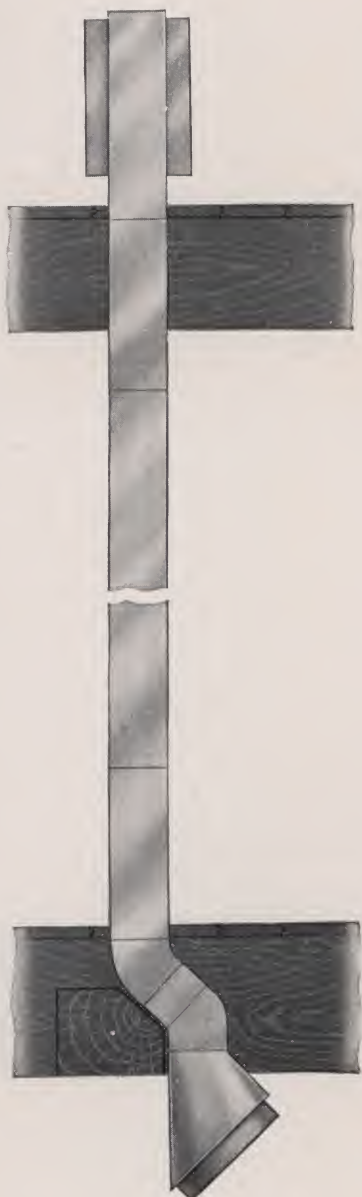


No. 4

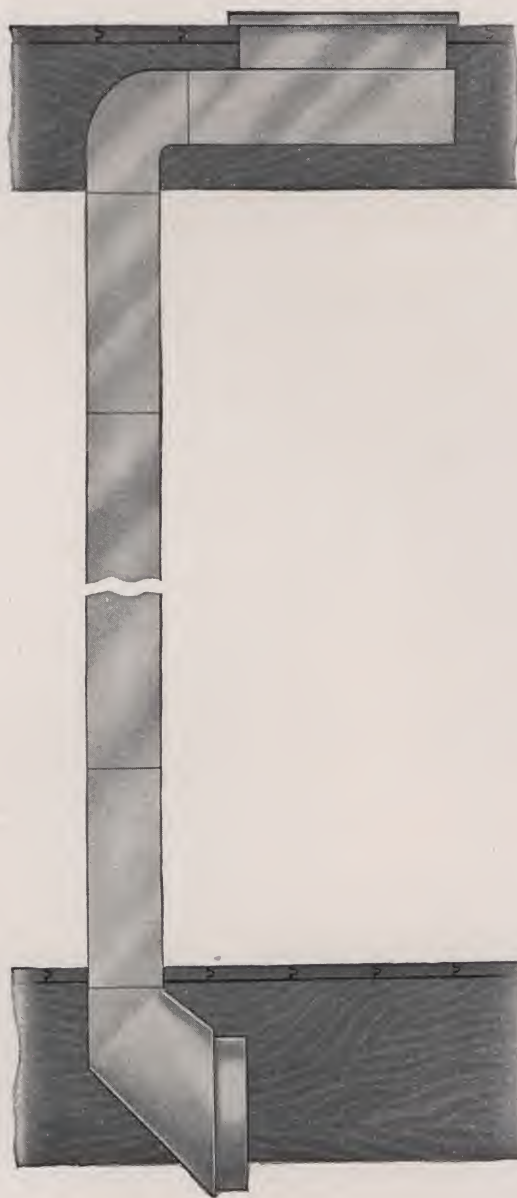
	No. 5 or 7	No. 6 or 8	No. 9	No. 11	No. 12
1—No. 2 Head.....	\$ 2.05	\$ 2.20	\$ 2.40	\$ 3.40	\$ 3.75
1—No. 16 Elbow.....	1.40	1.50	1.80	2.80	3.10
1—No. 11 Boot.....	2.10	2.35	2.70	3.50	3.90
2—30-in. Lengths.....	4.50	5.00	6.00	7.00	7.90
2—24-in. Lengths.....	3.60	4.00	4.80	5.60	6.30
1—6-in. Length.....	.70	.80	.95	1.05	1.15
1—4-in. Length.....	.60	.70	.85	.95	1.00
1—2-in. Length.....	.50	.60	.75	.85	.90
List Prices.....	\$15.45	\$17.15	\$20.25	\$25.15	\$28.00

These Stacks are figured for nine foot ceilings.





No. 5



No. 6

Add length of Pipe between Head and Elbow

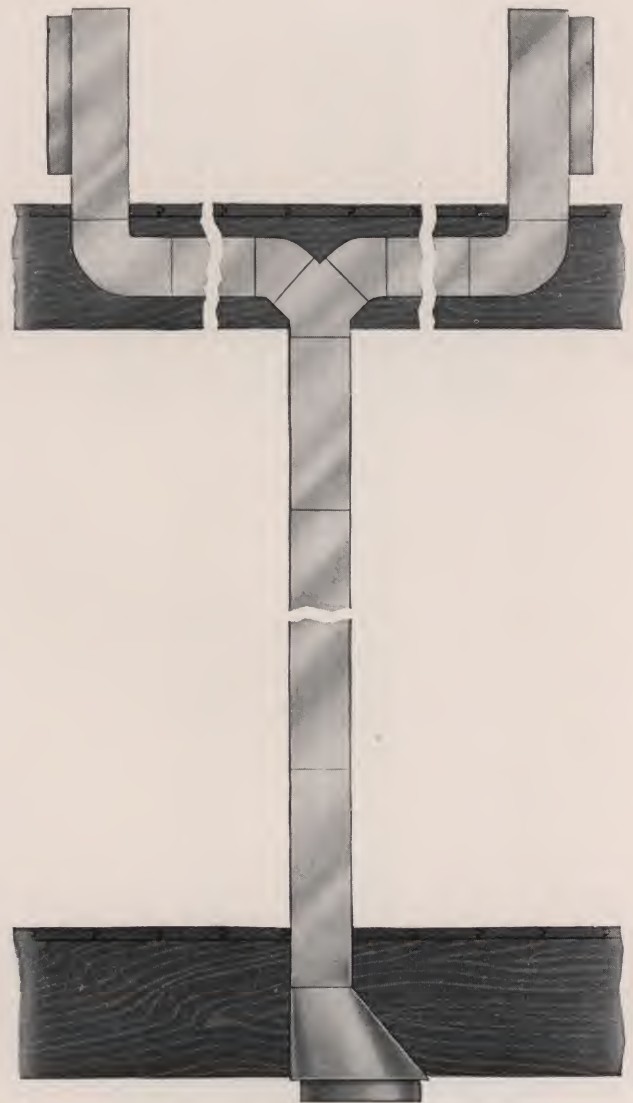
	No. 5 or 7	No. 6 or 8	No. 9	No. 11	No. 12
1—No. 3 Head.....	\$ 2.05	\$ 2.20	\$ 2.40	\$ 3.40	\$ 3.75
2—No. 6 Angles.....	1.60	1.80	2.20	3.20	4.00
1—No. 12 Boot.....	2.10	2.35	2.70	3.50	3.90
2—30-in. Lengths.....	4.50	5.00	6.00	7.00	7.90
2—24-in. Lengths.....	3.60	4.00	4.80	5.60	6.30
1—6-in. Length.....	.70	.80	.95	1.05	1.15
1—4-in. Length.....	.60	.70	.85	.95	1.00
1—2-in. Length.....	.50	.60	.75	.85	.90
List Prices.....	\$15.65	\$17.45	\$20.65	\$25.55	\$28.90

	No. 5 or 7	No. 6 or 8	No. 9	No. 11	No. 12
1—No. 2 Head.....	\$ 2.05	\$ 2.20	\$ 2.40	\$ 3.40	\$ 3.75
1—No. 16 Elbow.....	1.40	1.50	1.80	2.80	3.10
1—No. 11 Boot.....	2.10	2.35	2.70	3.50	3.90
2—30-in. Lengths.....	4.50	5.00	6.00	7.00	7.90
2—24-in. Lengths.....	3.60	4.00	4.80	5.60	6.30
1—6-in. Length.....	.70	.80	.95	1.05	1.15
1—4-in. Length.....	.60	.70	.85	.95	1.00
1—2-in. Length.....	.50	.60	.75	.85	.90
List Prices.....	\$15.45	\$17.15	\$20.25	\$25.15	\$28.00

These Stacks are figured for nine foot ceilings.



No. 7



No. 8

Add amount of Pipe between Elbows

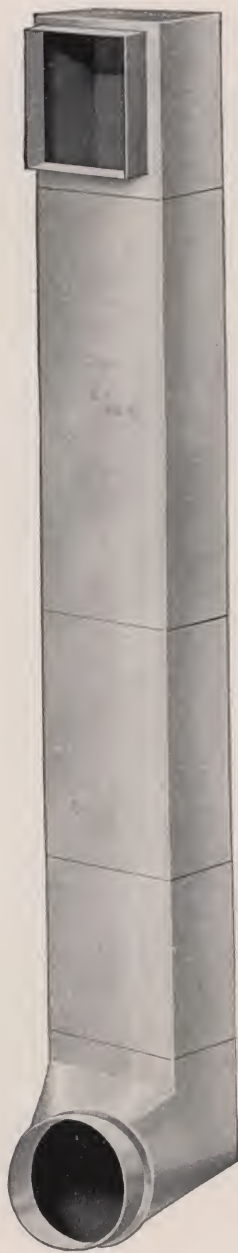
	No. 5 or 7	No. 6 or 8	No. 9	No. 11	No. 12
1—No. 2 Head.....	\$ 2.05	\$ 2.20	\$ 2.40	\$ 3.40	\$ 3.75
2—No. 16 Elbows.....	2.80	3.00	3.60	5.60	6.20
1—No. 6 Angle.....	.80	.90	1.10	1.60	2.00
1—No. 10 Boot.....	2.10	2.35	2.70	3.50	3.90
2—30-in. Lengths.....	4.50	5.00	6.00	7.00	7.90
2—24-in. Lengths.....	3.60	4.00	4.80	5.60	6.30
1—6-in. Length.....	.70	.80	.95	1.05	1.15
1—4-in. Length.....	.60	.70	.85	.95	1.00
1—2-in. Length.....	.50	.60	.75	.85	.90
List Prices.....	\$17.65	\$19.55	\$23.15	\$29.55	\$33.10

Add amount of Pipe between Heads

	No. 5 or 7	No. 6 or 8	No. 9	No. 11	No. 12
2—No. 2 Heads.....	\$ 4.10	\$ 4.40	\$ 4.80	\$ 6.80	\$ 7.50
2—No. 16 Elbows.....	2.80	3.00	3.60	5.60	6.20
2—No. 6 Angles.....	1.60	1.80	2.20	3.20	4.00
1—No. 28 Y.....	2.00	2.15	2.55	3.85	4.25
1—No. 10 Boot.....	2.10	2.35	2.70	3.50	3.90
2—30-in. Lengths.....	4.50	5.00	6.00	7.00	7.90
2—24-in. Lengths.....	3.60	4.00	4.80	5.60	6.30
1—6-in. Length.....	.70	.80	.95	1.05	1.15
1—4-in. Length.....	.60	.70	.85	.95	1.00
1—2-in. Length.....	.50	.60	.75	.85	.90
List Prices.....	\$22.50	\$24.80	\$29.20	\$38.40	\$43.10

These Stacks are figured for nine foot ceilings.



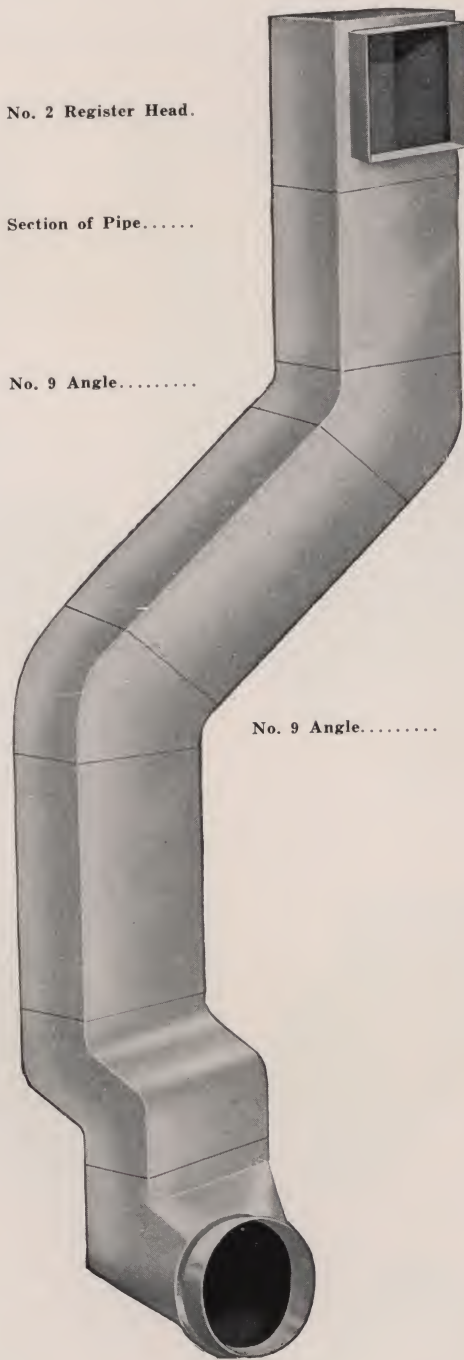


No. 9

No. 2 Register Head.

Section of Pipe.....

No. 9 Angle.....



No. 9 Angle.....

No. 10

	No. 5 or 7	No. 6 or 8	No. 9	No. 11	No. 12
1—No. 2 Head.....	\$ 2.05	\$ 2.20	\$ 2.40	\$ 3.40	\$ 3.75
1—No. 11 Boot.....	2.10	2.35	2.70	3.50	3.90
2—30-in. Lengths.....	4.50	5.00	6.00	7.00	7.90
2—24-in. Lengths.....	3.60	4.00	4.80	5.60	6.30
1—6-in. Length.....	.70	.80	.95	1.05	1.15
1—4-in. Length.....	.60	.70	.85	.95	1.00
1—2-in. Length.....	.50	.60	.75	.85	.90
List Prices.....	\$14.05	\$15.65	\$18.45	\$22.35	\$24.90

No. 10 shows stack with No. 11 Boot and two No. 6 Angles, off-setting over sill the width of pipe; it is then off-set with No. 9 Angles with No. 2 register head. The space between the Angles in either case can be diminished or extended as desired.

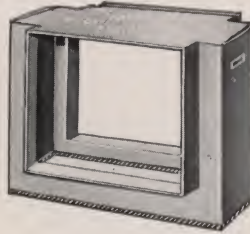
These Stacks are figured for nine foot ceilings.

## SINGLE WALL STACK FITTINGS

The letter "S" after the number signifies Single Goods



No. 2-S Head, Horizontal



No. 3-S Head, Horizontal



No. 2-S Head, Vertical



No. 3-S Head, Vertical

Horizontal heads are made to fit any standard floor, baseboard or wafer register.

Vertical heads are made to fit any standard floor or wafer register.

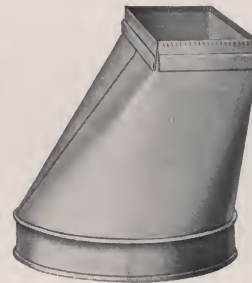


No. 1-S, Head



No. 1 1/2-S Head

No. 1-S and 1 1/2-S heads are made to fit any standard floor register.



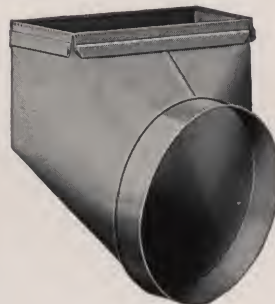
No. 5-S, Boot



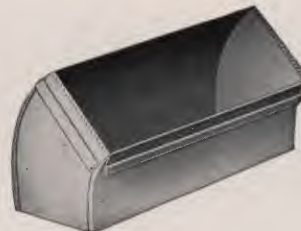
No. 7-S, Boot



No. 17-S, Boot



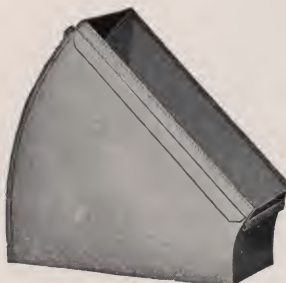
No. 13-S, Boot



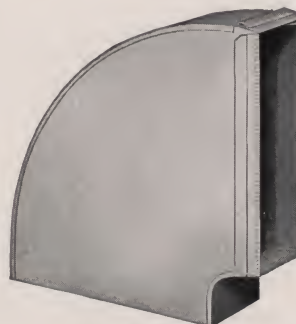
No. 6-S, 45° Angle



No. 16-S, 90° Elbow



No. 9-S 45° Angle



No. 90-S 90° Elbow



No. 4-S Tee

When ordering, specify number of Fitting and size of Stack, on heads also specify make, size and style of register.

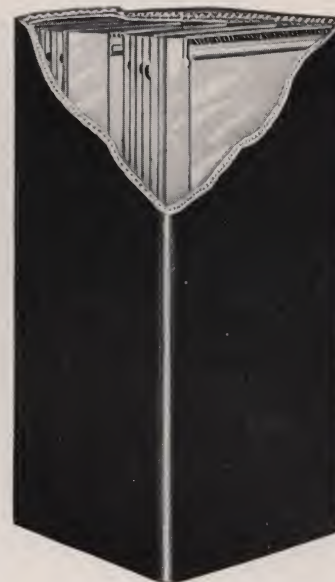
List Prices on Page 21



## HANDY SINGLE WALL STACK



58 in. Length  
of Single Stack  
Made Up



Handy Single Tin Nested Wall Stack is made as shown, requiring only one side to be seamed.

It is Nested and put in cartons containing 30 feet.

**LIST PRICES**  
**of Handy Single Wall Stack and Fittings**

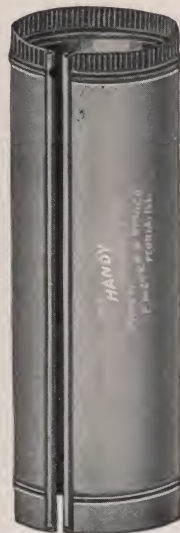
Size of Stack	Register Size	Size of Collar in Boot	24-inch Length Nested	58-inch Length Made Up	Heads No. 1-S, 1½-S, and 2-S	Head No. 3-S	Boots No.-5-S, 7-S, and 13-S	Boot No. 17-S	Angle No. 6-S	Angle No. 9-S	Elbow No. 16-S	Elbow No. 90-S	Tees No. 4-S and 40-S
3 x10	8x10	8-inch	\$ .84	\$2.25	\$.85	\$.95	\$.85	\$.95	\$.48	\$.60	\$.85	\$.95	\$.95
3 x12	8x12	9-inch	.92	2.45	.95	1.05	.95	1.05	.52	.65	.95	1.05	1.05
	9x12												
3½ x10	8x10	8-inch	.84	2.25	.85	.95	.85	.95	.48	.60	.85	.95	.95
3½ x12	8x12	9-inch	.92	2.45	.95	1.05	.95	1.05	.52	.65	.95	1.05	1.05
	9x12												
3 x13	9x12	10-inch	.98	2.60	1.10	1.20	1.10	1.20	.64	.77	1.10	1.20	1.20
	10x12												
4¾ x13	10x12	10-inch	1.08	2.85	1.20	1.30	1.20	1.30	.77	.96	1.20	1.30	1.30
5 x13½	10x14	10 or 12-inch	1.16	3.05	1.30	1.40	1.30	1.40	.90	1.10	1.30	1.40	1.40

For IX Tin or Galvanized Iron Single Pipe and Fittings, add 50% to above prices.

## Round Tin Pipe and Adjustable Elbows and Angles



Tin Pipe  
Made up in  
60 inch Lengths



Nested Pipe Before  
It Is Locked

Nested Tin Pipe Is Made in 24 Inch  
Lengths

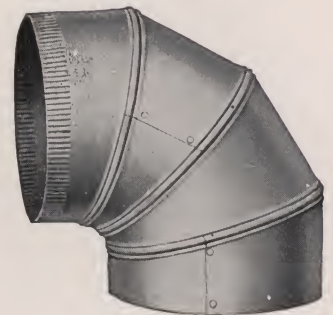
Size of Pipe	Feet Per Carton
8-Inch	50 Feet
9-Inch	50 Feet
10-Inch	50 Feet
12-Inch	30 Feet
14-Inch	24 Feet



2-Piece 30° Adjustable Angle  
2-Piece 45° Adjustable Angle



3-Piece 60° Adjustable Angle



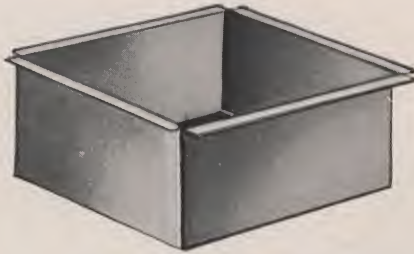
4-Piece 90° Adjustable Elbow

### List Prices of Round Tin Pipe, Adjustable Elbows and Angles

	5 or 6 Inch	7-Inch	8-Inch	9-Inch	10-Inch	12-Inch	14-Inch
I. C. Tin Pipe, made up in 60-inch Lengths, Per Foot.....	\$ .32	\$ .33	\$ .36	\$ .40	\$ .45	\$ .54	\$ ..
I. C. Tin Pipe, nested in 24-inch Lengths, Per Foot.....	.29	.30	.33	.37	.42	.51	..
I. X. Tin Pipe, made up in 60-inch Lengths, Per Foot.....	.38	.39	.43	.48	.53	.63	.81
I. X. Tin Pipe, nested in 24-inch Lengths, Per Foot.....	.35	.36	.40	.45	.50	.60	.78
Adjustable Elbows and Angles—							
I. C. Tin, 2 piece, 30°.....	..	.27	.30	.35	.40	.55	..
I. C. Tin, 2 piece, 45°.....	..	.32	.35	.40	.45	.60	..
I. C. Tin, 3 piece, 60°.....	..	.40	.45	.50	.58	.80	..
I. C. Tin, 4 piece, 90°.....	..	.50	.55	.60	.70	1.00	..
I. X. Tin, 2 piece, 30°.....	..	.35	.40	.45	.50	.65	.95
I. X. Tin, 2 piece, 45°.....	..	.40	.46	.52	.58	.75	1.10
I. X. Tin, 3 piece, 60°.....	..	.45	.56	.63	.73	1.00	1.40
I. X. Tin, 4 piece, 90°.....	..	.60	.65	.72	.85	1.25	1.70



## Tin and Galvanized Iron Floor Register Boxes



No. 30 Register Box (No Collar)



No. 50 Register Box



No. 40 Register Box



No. 40 Double Register Box

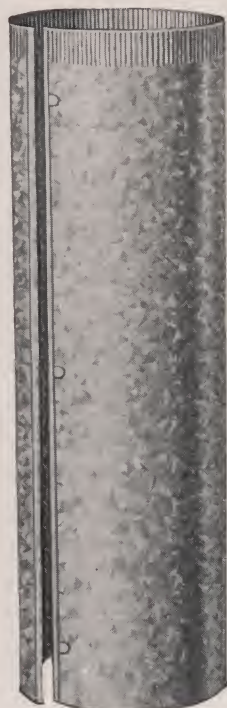
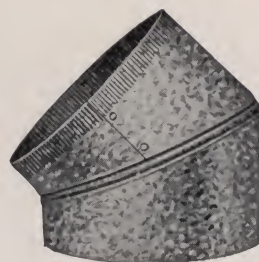
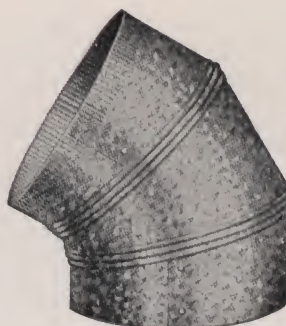
The above register boxes are made to fit any standard make of floor registers.

### LIST PRICES

Size	I. C. Tin	Double I. C. Tin	I. X. Tin	Double I. X. Tin	Galvanized	Standard Size Pipe Collar
8x10	\$ .72	\$1.08	\$ .90	\$1.35	\$ .90	8-inch
8x12	.77	1.16	.95	1.43	1.00	8-inch
9x12	.86	1.29	.95	1.43	1.00	9-inch
10x12	.96	1.44	1.08	1.62	1.30	10-inch
10x14	1.05	1.60	1.20	1.80	1.40	10-inch
12x14	1.15	1.73	1.45	2.18	1.80	12-inch
12x15	1.20	1.80	1.45	2.18	1.80	12-inch
14x16	....	....	1.92	2.88	2.15	14-inch
14x18	....	....	2.16	3.24	2.40	14-inch
14x20	....	....	2.40	3.60	2.65	14-inch
16x18	....	....	2.65	4.00	3.00	16-inch
16x20	....	....	3.00	4.50	3.10	16-inch
16x24	....	....	....	....	3.60	16-inch
18x24	....	....	....	....	4.30	18-inch
20x24	....	....	....	....	4.80	20-inch
24x24	....	....	....	....	6.00	22-inch
24x30	....	....	....	....	7.30	24-inch
30x30	....	....	....	....	7.75	28-inch
30x36	....	....	....	....	8.00	30-inch
36x36	....	....	....	....	10.00	32-inch

We are equipped to furnish any special size or style of register box not listed above.

## Galvanized Iron Smoke Pipe and Adjustable Elbows and Angles

Galvanized Iron  
Smoke Pipe2-Piece 30° and 2-Piece 45°  
Adjustable Angle3-Piece 60°  
Adjustable Angle4-Piece 90° Galvanized Iron  
Adjustable Smoke Elbow

## LIST PRICES

	5 or 6 Inch	7 Inch	8 Inch	9 Inch	10 Inch	12 Inch	14 Inch	16 Inch	18 Inch	20 Inch
No. 24 Galv. Iron Pipe, nested in 12-in. Lengths, Per Foot.	\$ .50	\$ .53	\$ .58	\$ .65	\$ .71	\$ .88	\$ .99	\$1.10	\$1.27	\$1.54
No. 24 Galv. Iron Pipe, nested in 24 or 30-in. Lengths, Per Foot	.45	.48	.52	.59	.64	.80	.90	1.00	1.15	1.40
No. 24 Galvanized Iron Angle, 2 piece, 30°	.54	.61	.66	.76	.91	1.16	1.35	1.60	2.00	2.50
No. 24 Galvanized Iron Angle, 2 piece, 45°	.57	.67	.77	.87	1.07	1.37	1.45	1.80	2.20	2.80
No. 24 Galvanized Iron Angle, 3 piece, 60°	.68	.78	.88	1.03	1.33	1.63	2.00	2.50	3.25	4.00
No. 24 Galvanized Iron Elbow, 4 piece, 90°	.90	1.00	1.10	1.30	1.50	1.90	2.50	3.25	4.00	4.75
No. 24 Black Iron Pipe, nested in 12-in. Lengths, Per Foot.	.40	.43	.47	.52	.58	.69	.77	.88	1.05	1.21
No. 24 Black Iron Pipe, nested in 24 or 30-in. Lengths, Per Foot	.36	.39	.43	.47	.52	.62	.70	.80	.95	1.10
No. 24 Black Iron Angle, 2 piece, 30°	.48	.52	.56	.66	.76	.96	1.10	1.35	1.65	1.80
No. 24 Black Iron Angle, 2 piece, 45°	.52	.57	.62	.72	.87	1.07	1.20	1.50	1.85	2.35
No. 24 Black Iron Angle, 3 piece, 60°	.58	.68	.78	.88	1.03	1.33	1.65	2.00	2.50	2.90
No. 24 Black Iron Elbow, 4 piece, 90°	.70	.82	.94	1.06	1.20	1.60	2.10	2.70	3.30	3.80
No. 22 Galv. or Black Iron Pipe, nested in 12-in. Lengths Per Foot.	..	.65	.71	.81	.92	1.13	1.34	1.55	1.78	1.89
No. 22 Galv. or Black Iron Pipe, nested in 24 or 30-in. Lengths, Per Foot.	..	.60	.65	.75	.85	1.05	1.25	1.45	1.65	1.75
No. 22 Galvanized or Black Iron Angle, 2 piece, 30°	..	.80	.90	1.00	1.15	1.45	1.95	2.40	2.90	3.35
No. 22 Galvanized or Black Iron Angle, 2 piece 45°	..	.90	1.00	1.10	1.25	1.65	2.15	2.65	3.20	3.70
No. 22 Galvanized or Black Iron Angle, 3 piece 60°	..	1.20	1.35	1.50	1.75	2.15	2.85	3.60	4.35	5.10
No. 22 Galvanized or Black Iron Elbow, 4 piece 90°	..	1.55	1.75	1.95	2.25	2.85	3.85	4.70	5.70	6.60
No. 20 Galvanized or Black Iron Pipe, Per Foot.	..	1.20	1.50	1.80	2.10	2.70	2.97	3.15	3.90	4.67
No. 20 Galvanized or Black Iron Angle, 2 piece 30°	..	1.80	2.10	2.40	2.70	3.24	3.51	3.90	5.85	7.02
No. 20 Galvanized or Black Iron Angle, 3 piece 60°	..	2.70	3.15	3.60	4.05	5.13	5.51	6.21	8.55	11.28
No. 20 Galvanized or Black Iron Elbow, 4 piece 90°	..	3.60	3.90	4.50	5.10	5.94	7.02	9.33	11.67	13.98
No. 18 Galvanized or Black Iron Pipe, Per Foot.	..	1.50	1.80	2.10	2.40	3.00	3.72	3.93	4.88	5.84
No. 18 Galvanized or Black Iron Angle, 2 piece 30°	..	2.40	2.70	3.00	3.60	4.05	4.38	4.88	7.32	8.78
No. 18 Galvanized or Black Iron Angle, 3 piece, 60°	..	3.60	4.05	4.50	5.40	6.30	6.89	7.77	10.71	14.10
No. 18 Galvanized or Black Iron Elbow, 4 piece 90°	..	4.35	4.80	5.40	6.30	7.50	8.78	11.67	14.60	17.48

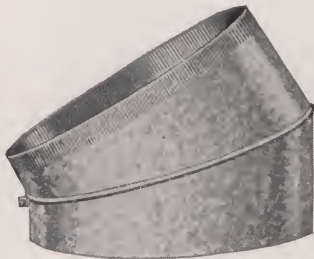
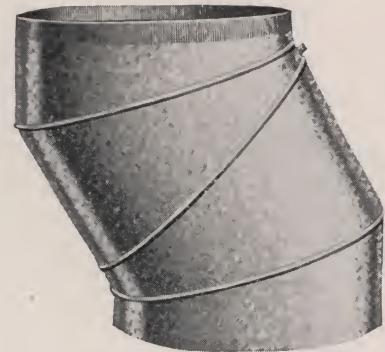
If made of Armco Ingot or Keystone Copper Bearing Iron, add 25% to above prices.



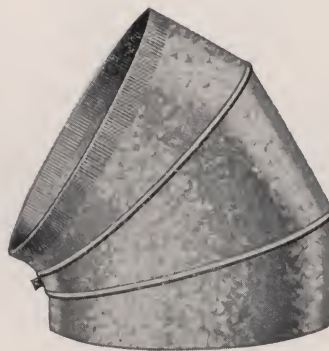
## Galvanized Iron Pipe and Adjustable Elbows and Angles for Cold Air



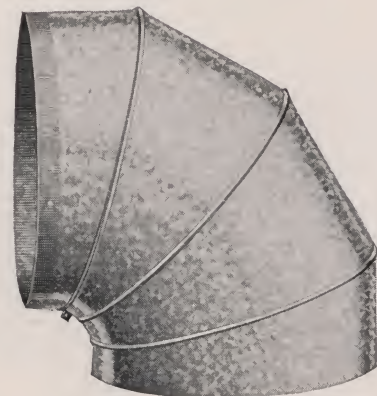
Cold air elbows have double swedging and segments are held securely by lugs and are adjustable. This construction is not only practical, but also eliminates waste of time with installations.



2-Piece 30° and 2-Piece 45°  
Galvanized Iron Adjustable  
Smoke Angle



3-Piece 60° Galvanized Iron  
Adjustable Smoke Angle



4-Piece 90°  
Adjustable Elbow

## LIST PRICES

	5 or 6 Inch	7 Inch	8 Inch	9 Inch	10 Inch	12 Inch	14 Inch	16 Inch	18 Inch	20 Inch	22 Inch	24 Inch	26 Inch	28 Inch	30 Inch	32 Inch	34 Inch	36 Inch
No. 26 Galvanized Iron Pipe, in 12-inch Lengths, Per Foot...	\$ .40	\$ .43	\$ .47	\$ .52	\$ .58	\$ .69	\$ .77	\$ .88	1.05	1.21	\$1.49	\$1.76	\$2.04	\$2.31	\$2.59	\$2.75	\$3.00	\$3.30
No. 26 Galvanized Iron Pipe, 24 or 30-in. Lengths, Per Foot...	.36	.39	.43	.47	.52	.62	.70	.80	.95	1.10	1.35	1.60	1.85	2.10	2.35	2.60	2.85	3.10
No. 26 Galvanized Iron Angle, 2 piece, 30°...	.48	.52	.56	.66	.76	.96	1.10	1.35	1.65	1.80	2.00	2.30	2.60	3.00	3.50	4.50	5.00	5.50
No. 26 Galvanized Iron Angle, 2 piece, 45°...	.52	.57	.62	.72	.87	1.07	1.20	1.50	1.85	2.35	2.60	3.00	3.40	3.95	4.55	5.25	6.00	6.25
No. 26 Galvanized Iron Angle, 3 piece, 60°...	.58	.68	.78	.88	1.03	1.33	1.65	2.00	2.50	2.90	3.20	3.70	4.20	4.90	5.60	6.70	7.50	8.30
No. 26 Galvanized Iron Elbow, 4 piece, 90° .....	.70	.82	.94	1.06	1.20	1.60	2.10	2.70	3.30	3.80	4.40	5.20	6.00	7.00	8.00	9.00	10.00	11.00

If made of Armco Ingot or Keystone Copper Bearing Iron, add 25% to above prices.

## Casing Collars, Y's, Tees, Drawbands, Galvanized Flue Thimbles



### Galvanized Y



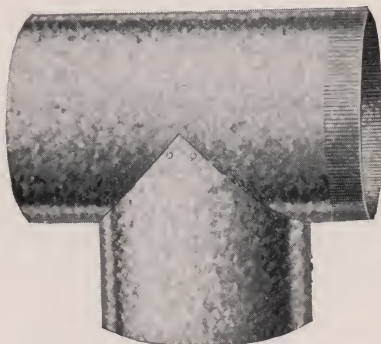
### Casing Collar for Side of Bonnet



**Tin Y**



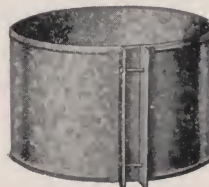
### Casing Collar for Top of Bonnet



**Galvanized and Black Iron Smoke Tees**  
Tee Joints are 15 inches Long



### Galvanized Flue Thimble



**Drawband  
6-Inches Wide**



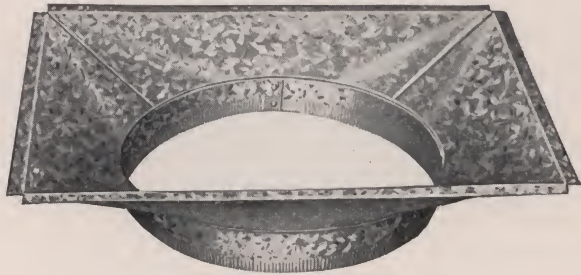
## Galvanized Clean Out Caps

## LIST PRICES

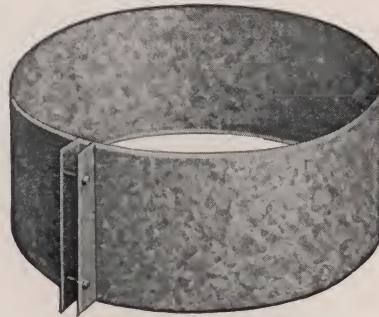
[illegible]



## Transition Plates, Ceiling Plates and Drawbands



Transition Cold Air Plate



Drawband (6 Inches Wide)



Galvanized Iron Ceiling Plate with Collar

## LIST PRICES

Size of Pipe	Transition Plate	Galvanized Ceiling Plate	Drawband
14 Inch	\$3.30	\$1.90	\$ .73
16 Inch	3.60	2.05	.83
18 Inch	3.90	2.20	.98
20 Inch	4.50	2.35	1.13
22 Inch	5.10	2.56	1.38
24 Inch	5.70	2.86	1.63
26 Inch	6.30	3.16	1.88
28 Inch	6.90	3.46	2.13
30 Inch	7.50	3.76	2.38
32 Inch	....	4.06	....
34 Inch	....	4.36	....
36 Inch	....	4.66	....

## Complete Price List of Round Pipe and Fittings

	5or6	7"	8"	9"	10"	12"	14"	16"	18"	20"	22"	24"	26"	28"	30"	32"	34"	36"
I. C. Tin Pipe, made up in 60" Lengths.....Per Foot	\$.32	\$.33	\$.36	\$.40	\$.45	\$.54	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
I. C. Tin Pipe, nested in 24" Lengths.....Per Foot	.29	.30	.33	.37	.42	.51	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
I. X. Tin Pipe, made up in 60" Lengths.....Per Foot	.38	.39	.43	.48	.53	.63	.81	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
I. X. Tin Pipe, nested in 24" Lengths.....Per Foot	.35	.36	.40	.45	.50	.60	.78	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Adjustable Elbows and Angles:																		
I. C. Tin, 2-piece, 30°.....	.....	.27	.30	.35	.40	.55	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
I. C. Tin, 2-piece, 45°.....	.....	.32	.35	.40	.45	.60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
I. C. Tin, 3-piece, 60°.....	.....	.40	.45	.50	.58	.80	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
I. C. Tin, 4-piece, 90°.....	.....	.50	.55	.60	.70	1.00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
I. X. Tin, 2-piece, 30°.....	.....	.35	.40	.45	.50	.65	.95	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
I. X. Tin, 2-piece, 45°.....	.....	.40	.46	.52	.58	.75	1.10	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
I. X. Tin, 3-piece, 60°.....	.....	.45	.56	.63	.73	1.00	1.40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
I. X. Tin, 4-piece, 90°.....	.....	.60	.65	.72	.85	1.25	1.70	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Casing Collars for Top of Hood.....	.....	.20	.24	.28	.30	.36	.46	.60	.76	.90	1.20	1.40	1.60	1.80	2.00	2.50	2.80	3.20
Casing Collars for Side of Hood.....	.....	.40	.40	.46	.50	.60	.74	1.00	1.26	1.80	2.00	2.20	2.40	3.00	3.40	4.00	4.50	5.00
No. 26 Galvanized Iron Pipe, nested in 12" Lengths.....Per Foot	.40	.43	.47	.52	.58	.69	.77	.88	1.05	1.21	1.49	1.76	2.04	2.31	2.59	2.75	3.00	3.30
No. 26 Galvanized Iron Pipe, nested in 24 or 30" Lengths..Per Ft.	.36	.39	.43	.47	.52	.62	.70	.80	.95	1.10	1.35	1.60	1.85	2.10	2.35	2.60	2.85	3.10
No. 26 Galvanized Iron Angle, 2-piece, 30°.....	.48	.52	.56	.66	.76	.96	1.10	1.35	1.65	1.80	2.00	2.30	2.60	3.00	3.50	4.50	5.00	5.50
No. 26 Galvanized Iron Angle, 2-piece, 45°.....	.52	.57	.62	.72	.87	1.07	1.20	1.50	1.85	2.35	2.60	3.00	3.40	3.95	4.55	5.25	6.00	6.25
No. 26 Galvanized Iron Angle, 3-piece, 60°.....	.58	.68	.78	.88	1.03	1.33	1.65	2.00	2.50	2.90	3.20	3.70	4.20	4.90	5.60	6.70	7.50	8.30
No. 26 Galvanized Iron Elbow, 4-piece, 90°.....	.70	.82	.94	1.06	1.20	1.60	2.10	2.70	3.30	3.80	4.40	5.20	6.00	7.00	8.00	9.00	10.00	11.00
T Joint No. 26 Gauge Galvanized Iron (15" long).....	1.10	1.10	1.30	1.50	1.90	2.60	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
T Joint No. 24 Gauge Galvanized Iron (15" long).....	1.45	1.45	1.75	2.20	2.60	3.40	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
No. 24 Galvanized Iron Pipe, nested in 12" Lengths.....Per Foot	.50	.53	.58	.65	.71	.88	.99	1.10	1.27	1.54	.....	.....	.....	.....	.....	.....	.....	.....
No. 24 Galvanized Iron Pipe, nested in 24 or 30" Lengths..Per Ft.	.45	.48	.52	.59	.64	.80	.90	1.00	1.15	1.40	.....	.....	.....	.....	.....	.....	.....	.....
No. 24 Galvanized Iron Angle, 2-piece, 30°.....	.54	.61	.66	.76	.91	1.16	1.35	1.60	2.00	2.50	.....	.....	.....	.....	.....	.....	.....	.....
No. 24 Galvanized Iron Angle, 2-piece, 45°.....	.57	.67	.77	.87	1.07	1.37	1.45	1.80	2.20	2.80	.....	.....	.....	.....	.....	.....	.....	.....
No. 24 Galvanized Iron Angle, 3-piece, 60°.....	.68	.78	.88	1.03	1.33	1.63	2.00	2.50	3.25	4.00	.....	.....	.....	.....	.....	.....	.....	.....
No. 24 Galvanized Iron Elbow, 4-piece, 90°.....	.90	1.00	1.10	1.30	1.50	1.90	2.50	3.25	4.00	4.75	.....	.....	.....	.....	.....	.....	.....	.....
No. 24 Black Iron Pipe, nested in 12" Lengths.....Per Foot	.40	.43	.47	.52	.58	.69	.77	.88	1.05	1.21	.....	.....	.....	.....	.....	.....	.....	.....
No. 24 Black Iron Pipe, nested in 24 or 30" Lengths.....Per Foot	.36	.39	.43	.47	.52	.62	.70	.80	.95	1.10	.....	.....	.....	.....	.....	.....	.....	.....
No. 24 Black Iron Angle, 2-piece, 30°.....	.48	.52	.56	.66	.76	.96	1.10	1.35	1.65	1.80	.....	.....	.....	.....	.....	.....	.....	.....
No. 24 Black Iron Angle, 2-piece, 45°.....	.52	.57	.62	.72	.87	1.07	1.20	1.50	1.85	2.35	.....	.....	.....	.....	.....	.....	.....	.....
No. 24 Black Iron Angle, 3-piece, 60°.....	.58	.68	.78	.88	1.03	1.33	1.65	2.00	2.50	2.90	.....	.....	.....	.....	.....	.....	.....	.....
No. 24 Black Iron Elbow, 4-piece, 90°.....	.70	.82	.94	1.06	1.20	1.60	2.10	2.70	3.30	3.80	.....	.....	.....	.....	.....	.....	.....	.....
No. 22 Galv. or Black Iron Pipe, nested in 12" Lengths..Per Ft.	.....	.65	.71	.81	.92	1.13	1.34	1.55	1.78	1.89	.....	.....	.....	.....	.....	.....	.....	.....
No. 22 Galv. or Black Iron Pipe, nested 24 or 30" Lgths..Per Ft.	.....	.60	.65	.75	.85	1.05	1.25	1.45	1.65	1.75	.....	.....	.....	.....	.....	.....	.....	.....
No. 22 Galv. or Black Iron Angle, 2-piece, 30°.....	.....	.80	.90	1.00	1.15	1.45	1.95	2.40	2.90	3.35	.....	.....	.....	.....	.....	.....	.....	.....
No. 22 Galv. or Black Iron Angle, 2-piece, 45°.....	.....	.90	1.00	1.10	1.25	1.65	2.15	2.65	3.20	3.70	.....	.....	.....	.....	.....	.....	.....	.....
No. 22 Galv. or Black Iron Angle, 3-piece, 60°.....	.....	1.20	1.35	1.50	1.75	2.15	2.85	3.60	4.35	5.10	.....	.....	.....	.....	.....	.....	.....	.....
No. 22 Galv. or Black Iron Elbow, 4-piece, 90°.....	.....	1.55	1.75	1.95	2.25	2.85	3.85	4.70	5.70	6.60	.....	.....	.....	.....	.....	.....	.....	.....
No. 20 Galvanized or Black Iron Pipe.....Per Foot	.....	1.20	1.50	1.80	2.10	2.70	2.97	3.15	3.90	4.67	.....	.....	.....	.....	.....	.....	.....	.....
No. 20 Galvanized or Black Iron Angle, 2-piece, 30°.....	.....	1.80	2.10	2.40	2.70	3.24	3.51	3.90	5.85	7.02	.....	.....	.....	.....	.....	.....	.....	.....
No. 20 Galvanized or Black Iron Angle, 3-piece, 60°.....	.....	2.70	3.15	3.60	4.05	5.13	5.51	6.21	8.55	11.28	.....	.....	.....	.....	.....	.....	.....	.....
No. 20 Galvanized or Black Iron Elbow, 4-piece, 90°.....	.....	3.60	3.90	4.50	5.10	5.94	7.02	9.33	11.67	13.98	.....	.....	.....	.....	.....	.....	.....	.....
No. 18 Galvanized or Black Iron Pipe.....Per Foot	.....	1.15	1.80	2.10	2.40	3.00	3.72	3.93	4.88	5.84	.....	.....	.....	.....	.....	.....	.....	.....
No. 18 Galvanized or Black Iron Angle, 2-piece, 30°.....	.....	2.40	2.70	3.00	3.60	4.05	4.38	4.88	7.32	8.78	.....	.....	.....	.....	.....	.....	.....	.....
No. 18 Galvanized or Black Iron Angle, 3-piece, 60°.....	.....	3.60	4.05	4.50	5.40	6.30	6.89	7.77	10.71	14.10	.....	.....	.....	.....	.....	.....	.....	.....
No. 18 Galvanized or Black Iron Elbow, 4-piece, 90°.....	.....	4.35	4.80	5.40	6.30	7.50	8.78	11.67	14.60	17.48	.....	.....	.....	.....	.....	.....	.....	.....
Drawbands, 6" wide.....	.....	.42	.46	.50	.55	.63	.73	.83	.98	1.13	1.38	1.63	1.88	2.13	2.38	.....	.....	.....
Transition Cold Air Plates.....	.....	.....	.....	.....	.....	1.75	1.90	2.05	2.20	2.35	2.56	2.86	3.16	3.46	3.76	4.06	4.36	4.66
Galvanized Iron Ceiling Plate with Collar.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tin Y Joints (Size of Large End).....	.....	.....	.....	.....	2.60	3.40	5.00	6.00	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Galvanized Y Joints (Size of Large End).....	.....	.....	.....	.....	3.10	4.10	6.00	7.20	9.60	12.00	14.50	17.25	.....	.....	.....	.....	.....	.....
Galvanized Flue Thimbles.....	.35	.40	.45	.50	.60	.75	.90	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Galvanized Clean Out Cap.....	.50	.50	.60	.70	.85	1.00	1.25	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....

If made of Armco Ingot or Keystone Copper Bearing Iron, add 25% to above prices.

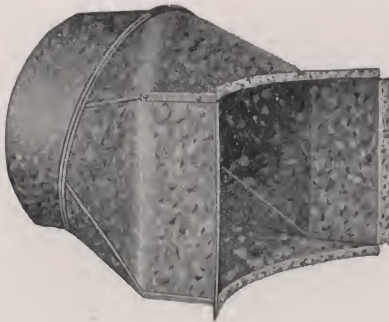
## REGISTER BOXES

	8	8	9	10	10	12	12	14	14	14	16	16	16	18	20	24	24	30	30	36
	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x	x
	10	12	12	12	14	14	15	16	18	20	18	20	20	24	24	24	30	30	36	36
I. C. Tin.....	.72	.77	.86	.96	1.05	1.15	1.20	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Double I. C. Tin.....	1.08	1.16	1.29	1.44	1.60	1.73	1.80	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
I. X. Tin.....	.90	.95	.95	1.08	1.20	1.45	1.45	1.92	2.16	2.40	2.65	3.00	.....	.....	.....	.....	.....	.....	.....	.....
Double I. X. Tin.....	1.35	1.43	1.43	1.62	1.80	2.18	2.18	2.88	3.24	3.60	4.00	4.50	.....	.....	.....	.....	.....	.....	.....	.....
Galvanized Iron.....	.90	1.00	1.00	1.30	1.40	1.80	1.80	2.55	2.40	2.65	3.00	3.10	3.60	4.30	4.80	6.00	7.30	7.75	8.00	10.00
Standard Size Pipe Collar.....	8"	8"	9"	10"	10"	12"	12"	14"	14"	14"	16"	16"	16"	18"	20"	22"	24"	28"	30"	32"

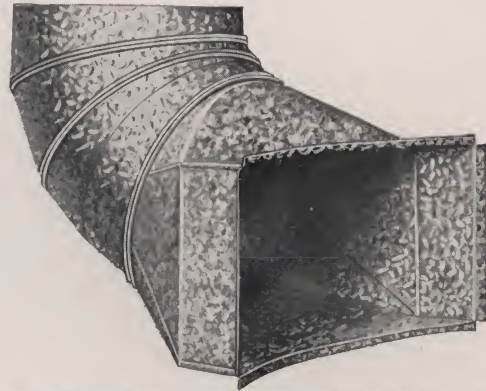
We are equipped to furnish any special size or style of register box not listed above.



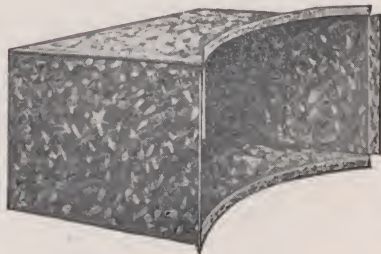
## COLD AIR SHOES



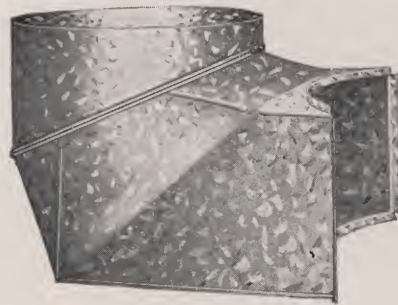
No. 100 Shoe with 30° Adjustable Collar



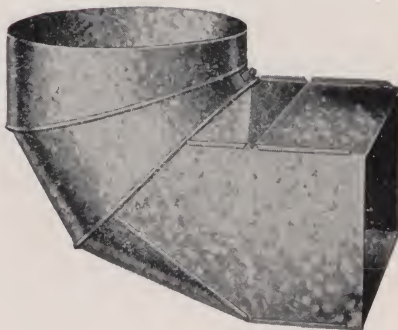
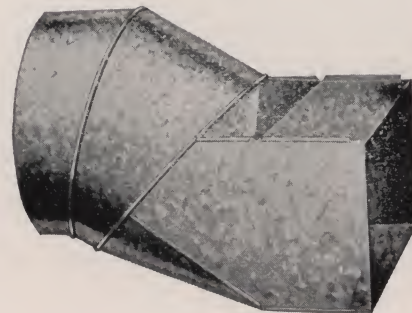
No. 101—This is No. 100 with a three piece 60° angle



No. 104



No. 106

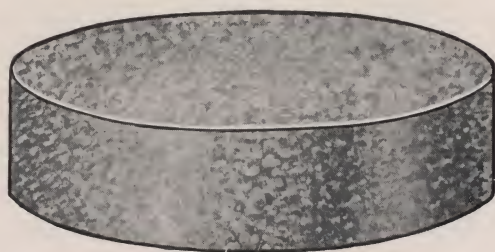
No. 107  
(Adjustable to any position.)

## LIST PRICES

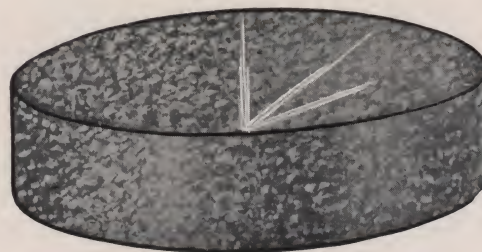
Size of Shoe	Size of Collar	Shoe No. 100	Shoe No. 101	Shoe No. 104	Shoe No. 106	Shoe No. 107
10 x16	14-inch	\$ 3.65	\$ 5.30	\$ 3.50	\$ 4.85	\$ 5.50
12 x18	16-inch	4.20	6.20	4.00	5.30	6.30
12 x23	18-inch	4.75	7.25	4.50	6.15	7.20
12 x27	20-inch	5.25	8.15	5.00	7.00	8.30
12 x32	22-inch	6.30	9.50	5.75	8.00	9.40
12 x38	24-inch	7.00	10.70	6.25	9.00	10.70
13½x40	26-inch	8.00	12.20	7.25	10.00	12.00
13½x46	28-inch	9.00	13.90	8.00	11.00	13.80
13½x53	30-inch	10.00	15.60	8.50	13.00	15.00

When ordering give cut number, diameter of casing and size of collar wanted.

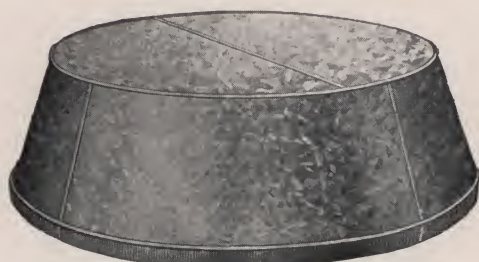
## CASING BONNETS



No. 110—Straight Bonnet with Flat Top



No. 112—Straight Bonnet with Concave Top



No. 114—Flaring Bonnet with Flat Top



No. 116—Flaring Bonnet with Concave Top

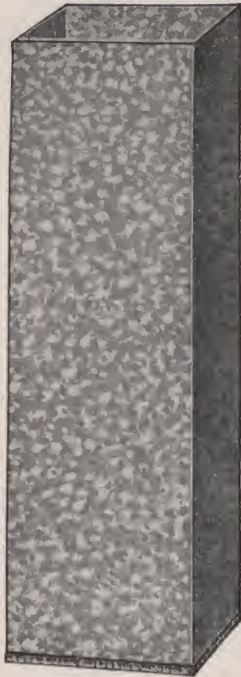
## LIST PRICES

Diameter .....	36"	38"	40"	42"	44"	46"	48"	50"	52"	54"	56"	58"	60"	62"	64"	66"
List Price.....	7.00	8.00	9.00	9.50	9.75	10.50	11.75	12.25	12.75	13.25	15.00	16.00	17.00	18.25	20.00	21.25

When ordering bonnets give exact circumference of casing ring, also give height required. We manufacture complete casings for any make or type of coal, oil, or gas burning furnace; also bonnets with double tops. Prices on application.



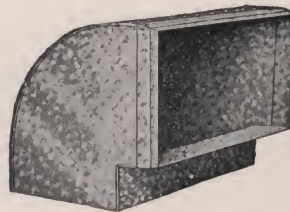
## Square Galvanized Iron Pipe and Elbows



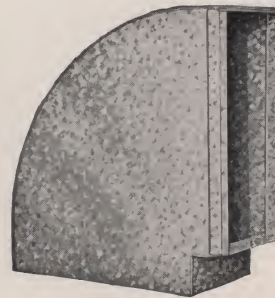
Square Galvanized  
Iron Cold Air Pipe



Square Galvanized Iron Cold Air Pipe with Cap and Collar



Square Galvanized  
Iron Elbow Style A



Square Galvanized  
Iron Elbow Style B

### LIST PRICES

Appropriate Size of Sq. Pipe	Relative Size of Rd. Pipe	Price per Foot Knocked Down	Price per Foot Made Up	Price Style A Elbow	Price Style B Elbow	Price Each Cap for Closed End	Price Collar for Closed End
10 x16	14-inch	\$ 1.50	\$ 1.80	\$ 6.00	\$ 7.00	\$ .90	\$ .46
12 x17	16-inch	1.70	2.10	6.80	7.80	1.00	.60
12 x22	18-inch	1.90	2.40	7.20	8.60	1.25	.76
12½x26	20-inch	2.20	2.80	8.00	10.00	1.60	.90
14 x28	22-inch	2.50	3.20	9.00	11.50	1.75	1.20
15 x32	24-inch	2.80	3.60	10.50	13.00	2.25	1.40

The above sizes and prices may be used as a fairly accurate basis for estimating.

On other sizes, price will be based on material and labor.

Fifty cents per lb. net is approximately correct cost where elbows predominate.

Galvanized square pipe and fittings are not carried in stock but made to order.

Absolutely no credit will be given for return of above goods.

## Handy Double Fittings for First Floor Side Wall Registers

First Floor Heads are made to fit any standard baseboard register. When ordering specify number of head, make, size and style of register to be used.



No. 2 Stack Head for First Floor Side Wall Register, for Heating One Room



No. 3 Stack Head for First Floor Side Wall Registers, for Heating Two Rooms



No. 2 Stack Head for First Floor Side Wall Register with Top Collar for Wall Stack



No. 3 Stack Head for First Floor Side Wall Registers, for Heating Two Rooms with Top Collar for Wall Stack



No. 10 Boot



No. 12 Boot



2, 4, 6 or 9 Inch Pieces



No. 6 Angle

We also make single boots with Handy Double Slip. When ordering boots specify number, throat size and size of round pipe collar.



## Single Fittings for First Floor Side Wall Registers

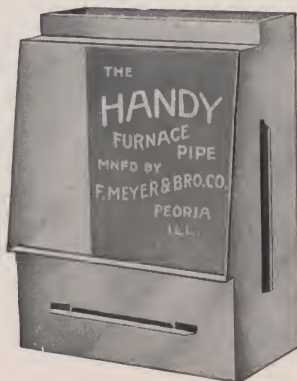
First Floor Heads are made to fit any standard baseboard register. When ordering specify number of head, also make, size and style of register to be used.



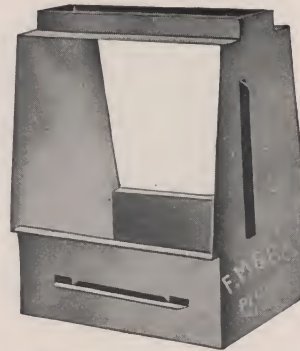
No. 2S Stack Head for First Floor Side Wall Register, for Heating One Room.



No. 3S Stack Head for First Floor Side Wall Registers for Heating Two Rooms.



No. 2S Stack Head for First Floor Side Wall Register with Top Collar for Wall Stack



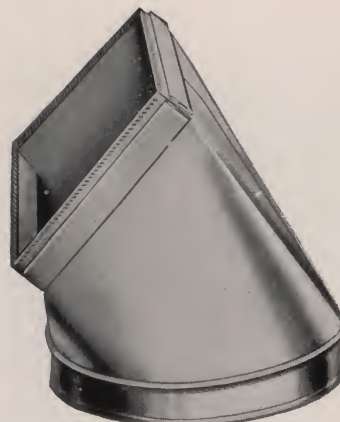
No. 3S Stack Head for First Floor Side Wall Registers for Heating Two Rooms, with Top Collar for Wall Stack.



No. 5S Boot



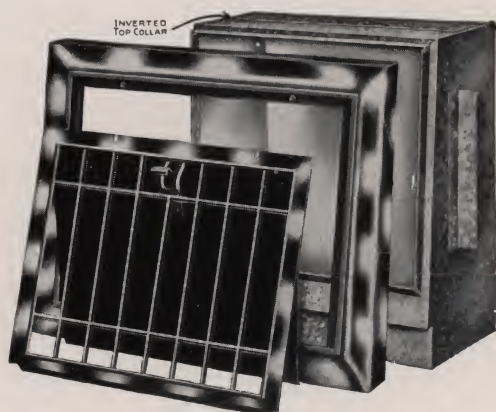
No. 6S Angle



No. 7S Boot

When ordering boots, specify number, throat size and size of round pipe collar.

## No Streak Registers Complete with Double Boxes

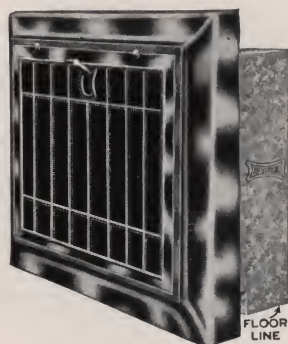


Single Register

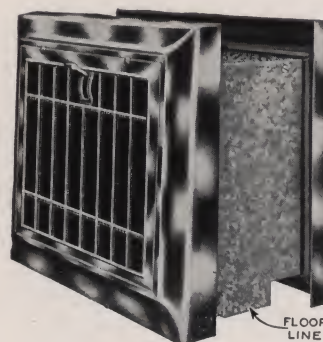


Double Register

### FIRST FLOOR

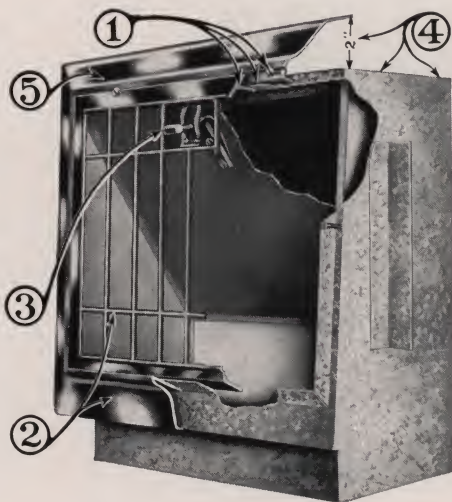


Single Register



Double Register

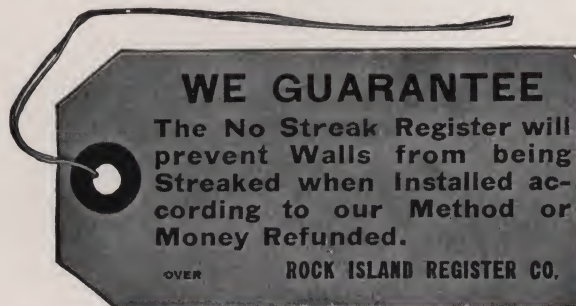
### SECOND FLOOR



#### SPECIAL FEATURES OF NO STREAK REGISTERS

1. Expanding Interlapping Slip-joint connection which prevents the Air from streaking the Walls.
2. Steel Frame and Removable Grille, having Over-Capacity Free Air Opening.
3. Malleable Lever easily operated by Hand or Foot, Absolutely Trouble-Proof.
4. Galvanized, tin lined box having Floor line, Wall line and Recessed top collar. Note 2" trimming space around box.
5. Easy fastening by two large Oval head Bolts.

THIS  
TAG  
ATTACHED  
TO



EVERY  
NO  
STREAK  
REGISTER



## NO STREAK REGISTERS

## LIST PRICES SINGLE REGISTERS

Number	Free Air Opening in Grill	Outside Size of Handy Double Pipe	Inside Size of Handy Double Pipe	Size of Collar in Boot	Black Japanned	L.A.G. or White Japanned	Oxidized Copper	Nickle or Brush Brass
<b>For Second Floor</b>								
208 ½	59-inch	3 ⅝ x 10 ⅝	3 x 10	8-inch	\$ 5.00	\$ 6.10	\$ 7.20	\$ 8.00
209 ½	83-inch	3 ⅝ x 12 ⅝	3 x 12	9-inch	5.75	7.00	8.00	8.80
210 ½	83-inch	3 ⅝ x 13 ⅝	3 x 13	10-inch	6.40	7.60	8.70	9.50
211 ½	95-inch	5 x 13 ⅝	4 ⅝ x 13	10 or 12-in.	8.00	9.10	11.00	12.00
<b>For First Floor</b>								
208	59-inch	6 ½ x 10 ⅝	5 ½ x 10	8-inch	5.75	6.50	8.00	8.65
209	83-inch	6 ½ x 12 ⅝	5 ½ x 12	9-inch	7.60	8.30	9.70	10.70
210	95-inch	7 ½ x 12 ⅝	6 ½ x 12	10-inch	9.40	10.50	11.50	12.35
212	119-inch	9 ⅝ x 13 ⅝	8 ½ x 13	12-inch	11.40	12.60	14.65	15.80
214	160-inch	11 ⅝ x 14 ⅝	10 ⅝ x 14	14-inch	14.00	16.00	17.00	19.00

No. 210 and larger are equipped with inverted top collars 3 ⅝ x 12 ⅝.

## LIST PRICES DOUBLE REGISTERS

Number	Free Air Opening in Grill	Outside Size of Handy Double Pipe	Inside Size of Handy Double Pipe	Size of Collar in Boot	Black Japanned	L.A.G. or White Japanned	Oxidized Copper	Nickel or Brush Brass
<b>For Second Floor</b>								
216 ½	118-inch	3 ⅝ x 10 ⅝	3 x 10	8-inch	\$ 8.25	\$ 9.50	\$12.00	\$13.70
218 ½	166-inch	3 ⅝ x 12 ⅝	3 x 12	9-inch	9.50	10.80	13.70	15.15
220 ½	166-inch	3 ⅝ x 13 ⅝	3 x 13	10-inch	10.20	11.50	14.40	15.85
222 ½	190-inch	5 x 13 ⅝	4 ⅝ x 13	10 or 12-in.	12.20	14.70	16.90	19.00
<b>For First Floor</b>								
216	118-inch	8 ⅝ x 10 ⅝	8 x 10	10-inch	11.00	12.50	15.20	16.50
218	166-inch	8 ⅝ x 12 ⅝	8 x 12	10-inch	12.25	13.70	16.60	18.00
220	190-inch	10 ⅝ x 12 ⅝	10 x 12	12-inch	15.10	17.30	20.20	21.60
224	238-inch	14 ⅝ x 13 ⅝	14 x 13	14-inch	20.20	21.60	24.50	26.00
228	320-inch	19 ⅝ x 14 ⅝	18 ½ x 14	16-inch	23.00	24.50	28.00	30.00

No. 220 and larger are equipped with inverted top collar 3 ⅝ x 12 ⅝.

For sand finishes, add 10% to the above prices.

Add \$2.00 to list price for double head registers made for partitions wider or narrower than regular.

List Prices of Boxes for No Streak Registers  
All Boxes Made Double

## List Prices of No Streak Registers Without Boxes

No.	Black Japanned	L.A.G. or White Japanned	Oxidized Copper	Nickel or Brush Brass
208	\$3.25	\$ 4.00	\$ 5.50	\$ 6.40
209	4.80	5.50	7.00	7.90
210	6.70	7.95	9.20	10.10
212	8.00	9.10	11.50	12.80
214	10.70	12.30	13.90	15.50

Single Head		Double Head	
No.	List	No.	List
208 ½	\$2.20	216 ½	\$2.85
209 ½	2.65	218 ½	3.20
210 ½	3.20	220 ½	3.90
211 ½	3.70	222 ½	4.30
208	2.80	216	3.50
209	3.00	218	3.70
210	3.20	220	3.90
212	3.60	224	4.40
214	4.00	228	5.20

Add \$2.00 to list price for double head registers made for partitions wider or narrower than regular.

For sand finishes, add 10% to the above prices.

## List Price of Handy Double Fittings for No Streak Registers

## SINGLE REGISTER

Number	Outside Size of Handy Double Pipe	Inside Size of Handy Double Pipe	Size of Collar in Boot	Boots Nos. 11, 12, and 18	Single Boot with Handy Double Slip	Angle No. 6	Elbow No. 16 or Special Boot Offset	2-inch Piece	4-inch Piece	6-inch Piece	9-inch Piece
For Second Floor	208½	3⅝ x 10⅝	3 x 10	8 inch							
	209½	3⅝ x 12⅝	3 x 12	9 inch							
Floor	210½	3⅝ x 13⅝	3 x 13	10 inch							
	211½	5 x 13⅝	4⅝ x 13	10 or 12 inch							
See prices of Wall Stack Fittings page 13.											
For First Floor	208	6⅞ x 10⅝	5½ x 10	8 inch	\$2.30	\$1.70	\$1.20	\$1.60	\$ .70	\$ .85	\$1.05
	209	6⅞ x 12⅝	5½ x 12	9 inch	2.40	1.80	1.30	1.70	.75	.90	1.15
	210	7⅞ x 12⅝	6½ x 12	10 inch	2.60	1.95	1.45	1.80	.80	.95	1.20
	212	9⅞ x 13⅝	8½ x 13	12 inch	3.00	2.40	1.80	2.50	.95	1.15	1.45
	214	11⅞ x 14⅝	10¾ x 14	14 inch	3.70	2.90	2.65	3.25	1.25	1.45	1.75
											2.10

## DOUBLE REGISTER

Number	Outside Size of Handy Double Pipe	Inside Size of Handy Double Pipe	Size of Collar in Boot	Boots Nos. 10, 11, 12 and 18	Single Boot with Handy Double Slip	Angle No. 6	Elbow No. 16 or Special Boot Offset	2-inch Piece	4-inch Piece	6-inch Piece	9-inch Piece
For Second Floor	216½	3⅝ x 10⅝	3 x 10	8 inch							
	218½	3⅝ x 12⅝	3 x 12	9 inch							
Floor	220½	3⅝ x 13⅝	3 x 13	10 inch							
	222½	5 x 13⅝	4⅝ x 13	10 or 12 inch							
See prices of Wall Stack Fittings page 13.											
For First Floor	216	8⅝ x 10⅝	8 x 10	9 or 10	\$2.80	\$2.05	\$1.45	\$1.65	\$ .80	\$ .95	\$1.20
	218	8⅝ x 12⅝	8 x 12	10 inch	3.00	2.15	1.55	1.90	.90	1.05	1.30
	220	10⅝ x 12⅝	10 x 12	12 inch	3.20	2.35	1.70	2.05	.95	1.15	1.50
	224	14⅝ x 13⅝	14 x 13	14 inch	4.20	3.10	2.20	2.75	1.25	1.75	1.95
	228	19⅞ x 14⅝	18½ x 14	16 inch	5.00	3.85	3.00	3.50	1.60	2.20	2.50
											3.25

## List Price of Single Fittings for No Streak Registers

## SINGLE REGISTER

Number	Size of Single Pipe	Size of Collar in Boot	Boots Nos. 5S, 7S, 13S and 17S	Angle No. 6S	Elbow No. 16S or Special Boot Offset
For Second Floor	208½	3⅝ x 10	8 inch		
	209½	3⅝ x 12	9 inch		
	210½	3⅝ x 13	10 inch		
	211½	5 x 13	10 or 12 inch		
See prices of Wall Stack Fittings page 13.					
For First Floor	208	6⅞ x 10	8 inch	\$ .95	\$ .70
	209	6⅞ x 12	9 inch	1.05	.80
	210	7⅞ x 12	10 inch	1.15	.85
	212	9⅞ x 13	12 inch	1.40	1.10
	214	11⅞ x 14	14 inch	1.80	1.35

## DOUBLE REGISTER

Number	Size of Single Pipe	Size of Collar in Boot	Boots Nos. 5S, 7S, 13S and 17S	Angle No. 6S	Elbow No. 16S or Special Boot Offset
For Second Floor	216½	3⅝ x 10	8 inch		
	218½	3⅝ x 12	9 inch		
	220½	3⅝ x 13	10 inch		
	222½	5 x 13	10 or 12 inch		
See prices of Wall Stack Fittings page 13.					
For First Floor	216	8⅝ x 10	9 or 10 inch	\$1.20	\$ .70
	218	8⅝ x 12	10 inch	1.30	1.05
	220	10⅝ x 12	12 inch	1.35	1.15
	224	14⅝ x 13	14 inch	1.90	1.40
	228	19⅞ x 14	16 inch	2.25	1.80

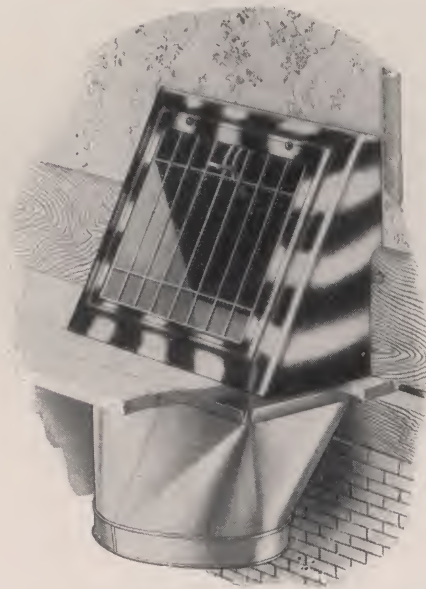


## OUT-O-WALL REGISTERS

Takes Work out of  
Furnace Work

By making the installation  
Easier than all others, there-  
fore Cheaper and More Satis-  
factory.

A Wall Register  
Easy To Set



It only requires a Hole in  
the Floor and the Baseboard.

A complete Unit that is  
dropped in the Opening and  
Fastened to the Baseboard  
with two screws.

This is the register you have wanted for a long time but were never able to obtain before the production of the

## OUT-O-WALL

As the name implies, it sets out of the wall, against the partition. You do not cut into the wall to set them but only through the baseboard and floor against the wall.

OUT-O-WALL Registers are the only satisfactory and efficient register for Old House furnace work and all other jobs where there is a double joist, sill or wall under the partition. You will save ninety per cent of the usual labor required to cut an ordinary side wall register into the partition because the OUT-O-WALL Registers are as easily set as a floor register.

You also save by avoiding the use of angles, elbows and special fittings usually necessary when the ordinary side wall registers set into the partition on old work.

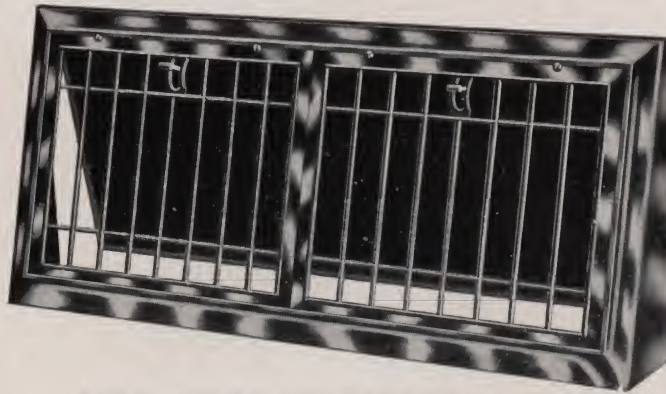
## LIST PRICES

Number	Size of Collar in Boot	Outside Size of Handy Double Pipe	Inside Size of Handy Double Pipe	Black Japanned	L.A.G. or White Japanned	Oxidized Copper	Nickel or Brush Brass
<b>For Second Floor</b>							
208½	8 inch	3½ x 10½	3 x 10	\$ 7.00	\$ 8.00	\$ 9.60	\$10.50
209½	9 inch	3½ x 12½	3 x 12	7.90	9.00	10.50	11.50
210½	10 inch	3½ x 13½	3 x 13	8.75	9.80	11.40	12.50
211½	10 or 12	5 x 13½	4¾ x 13	9.60	10.70	12.30	13.60
<b>For First Floor</b>							
208	8 inch	6½ x 10½	5½ x 10	7.80	8.90	10.20	11.20
209	9 inch	6½ x 12½	5½ x 12	9.90	10.70	11.80	13.00
210	10 inch	7½ x 12½	6½ x 12	11.00	11.90	13.50	14.85
212	12 inch	9½ x 13½	8½ x 13	12.20	13.20	15.20	16.70
214	14 inch	11½ x 14½	10¾ x 14	14.50	16.50	18.00	20.00
2200	16 inch	8½ x 26¼	8 x 25½	16.70	18.30	21.00	23.00
2250	18 inch	9½ x 29½	8½ x 28¾	19.00	21.00	24.70	27.00
2300	20 or 22	11½ x 30½	10¾ x 30	23.70	26.00	31.40	34.00
2350	24 inch	11½ x 45½	10¾ x 45	34.30	37.70	43.60	48.00

For sand finishes, add 10% to the above prices.

OUT-O-WALL Fittings interchange with the No Streak fittings and carry the same list prices. See page 36.

## Special No Streak Registers for Pipeless Furnace

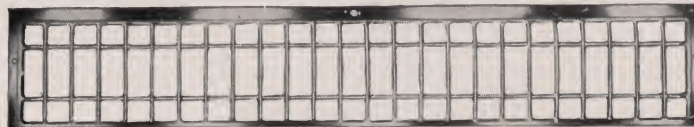


LIST PRICES OF REGISTERS ONLY

Number	Round Pipe Size	Free Air Opening in Grilles	Black Japanned	L.A.G. or White Japanned	Oxidized Copper	Nickel or Brush Brass
2150	14-inch	155	\$10.50	\$12.30	\$14.00	\$15.50
2200	16-inch	170	12.50	14.50	17.00	18.50
2250	18-inch	200	14.00	16.80	20.00	22.00
2300	20 or 22-in.	310	17.00	20.50	25.00	28.00
2350	24-inch	465	25.00	29.00	35.00	40.00

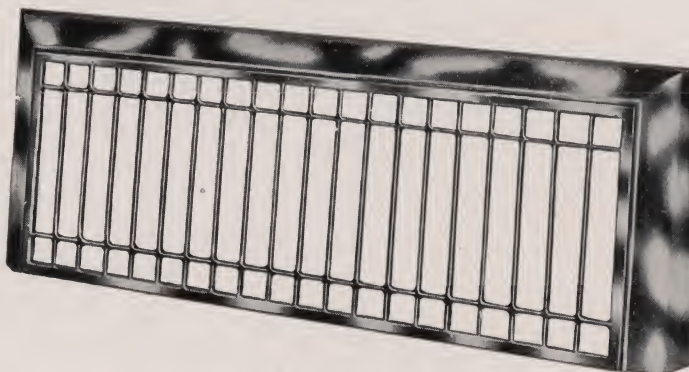
## Rock Island Side Wall Cold Air Faces

The Rock Island Cold Air Faces are designed to match the NO-STREAK and Island City Registers.



LIST PRICES

Size	Round Pipe Size	Free Air Opening in Grille	Black Japanned	L.A.G. or White Japanned	Oxidized Copper	Nickel or Brush Brass
5x14	9-inch	60 Sq. In.	\$1.00	\$1.20	\$1.60	\$1.85
5x30	12-inch	120 Sq. In.	2.00	2.50	3.00	3.60



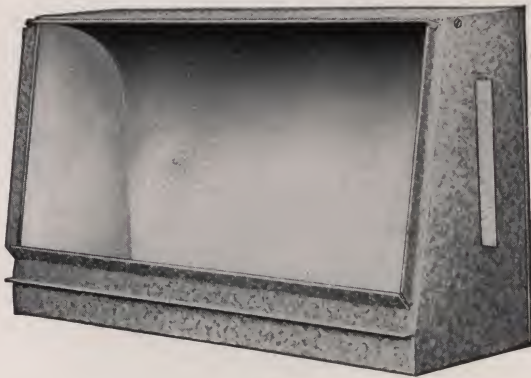
LIST PRICES

Size	Round Pipe Size	Free Air Opening in Grille	Black Japanned	L.A.G. or White Japanned	Oxidized Copper	Nickel or Brush Brass
11x16	12-inch	112 Sq. In.	\$2.50	\$2.90	\$ 4.00	\$ 4.45
11x32	16-inch	224 Sq. In.	4.65	5.60	7.40	8.20
16x16	14-inch	162 Sq. In.	4.35	5.20	6.40	7.00
16x32	18 or 20	324 Sq. In.	7.70	9.20	11.40	12.50

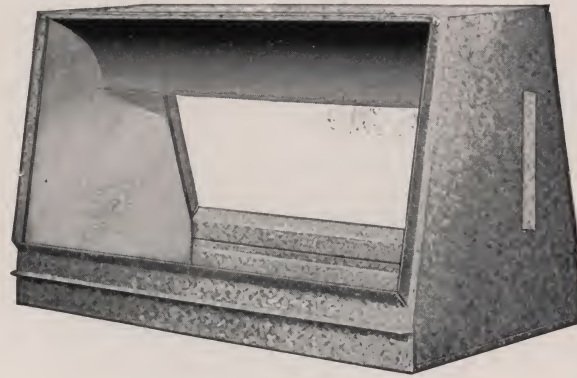
For sand finishes, add 10% to the above prices.



## Galvanized Fittings for Special No Streak Registers



No. 2 Head



No. 3 Head

The Heads for the SPECIAL NO-STREAK Registers have the same features for easy installation and the "NO-STREAK" Joint as the "NO-STREAK" Registers.



No. 5-S Boot

Any standard style or number Boot can be furnished.

## LIST PRICES No. 2 HEADS AND FITTINGS

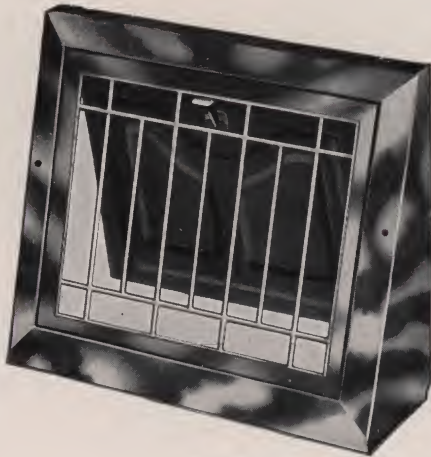
REGISTER	Round Pipe Size	Outside Size of Bottom Opening in Head	No. 2 Head	No. 5-S Boot	No. 6-S Angle
2150	14-inch	11 $\frac{3}{8}$ x 14 $\frac{5}{8}$	\$ 4.00	\$ 2.25	\$ 1.50
2200	16-inch	8 $\frac{1}{4}$ x 26 $\frac{5}{8}$	5.10	3.60	2.10
2250	18-inch	9 $\frac{1}{8}$ x 29 $\frac{5}{8}$	6.00	4.00	2.40
2300	20 or 22	11 $\frac{3}{8}$ x 30 $\frac{1}{4}$	8.00	4.80	2.90
2350	24-inch	11 $\frac{3}{8}$ x 45 $\frac{5}{8}$	11.00	6.30	3.70

## LIST PRICES No. 3 HEADS AND FITTINGS

REGISTER	Round Pipe Size	Outside Size of Bottom Opening in Head	No. 3 Head	No. 5-S Boot	No. 6-S Angle
2-2150	16-inch	19 $\frac{1}{8}$ x 14 $\frac{5}{8}$	\$ 5.00	\$ 2.70	\$ 1.80
2-2200	18-inch	12 $\frac{7}{8}$ x 26 $\frac{5}{8}$	6.00	4.20	2.50
2-2250	20 or 22	14 $\frac{5}{8}$ x 29 $\frac{5}{8}$	7.25	5.00	3.00
2-2300	24 or 26	18 $\frac{5}{8}$ x 30 $\frac{1}{4}$	9.50	6.50	3.90
2-2350	30 or 32	18 $\frac{5}{8}$ x 45 $\frac{5}{8}$	13.00	9.00	5.40

Add \$2.00 to the List Price of heads made for partitions wider or narrower than regular.

## Vol-Yum and Island City Registers



Vol-Yum



Island City

A popular one piece register considerably lower in price than the Island City. This is a full capacity register.

An exceptional register of the two piece removable Grille style, this is trouble proof and efficient. A full capacity register easily installed.

### LIST PRICES

	Number Vol-Yum	Number Island City	Register Size	Outside Size of Handy Double Pipe	Inside Size of Handy Double Pipe	Size of Collar in Boot	Black Japanned	White Japanned or L.A.G.	Oxidized Copper or Oak	Nickel or Brush Brass
<b>Second Floor</b>	050	50	8x10	3 $\frac{5}{8}$ x10 $\frac{5}{8}$	3 x10	8 inch	\$2.00	\$2.35	\$3.50	\$3.85
	....	62	8x12	3 $\frac{5}{8}$ x12 $\frac{5}{8}$	3 x12	9 inch	2.40	2.90	3.95	4.35
	063	63	9x12	3 $\frac{5}{8}$ x12 $\frac{5}{8}$	3 x12	9 inch	3.00	3.50	4.50	4.90
<b>First Floor</b>	050	50	8x10	6 $\frac{1}{4}$ x10 $\frac{5}{8}$	5 $\frac{1}{2}$ x10	8 inch	2.00	2.35	3.50	3.85
	....	62	8x12	6 $\frac{1}{4}$ x12 $\frac{5}{8}$	5 $\frac{1}{2}$ x12	9 inch	2.40	2.90	3.95	4.35
	063	63	9x12	6 $\frac{1}{4}$ x12 $\frac{5}{8}$	5 $\frac{1}{2}$ x12	9 inch	3.00	3.50	4.50	4.90
	....	76	8x12	7 $\frac{1}{4}$ x12 $\frac{5}{8}$	6 $\frac{1}{2}$ x12	10 inch	3.00	3.50	4.50	4.90
	077	77	9x12	7 $\frac{1}{4}$ x12 $\frac{5}{8}$	6 $\frac{1}{2}$ x12	10 inch	3.00	3.50	4.50	4.90
	078	78	10x12	7 $\frac{1}{4}$ x12 $\frac{5}{8}$	6 $\frac{1}{2}$ x12	10 inch	4.00	4.60	5.75	6.35
	....	112	12x13	7 $\frac{1}{4}$ x13 $\frac{5}{8}$	6 $\frac{1}{2}$ x13	12 inch	4.50	5.25	6.75	7.50
	0112	....	11x13	9 $\frac{1}{4}$ x13 $\frac{5}{8}$	8 $\frac{1}{2}$ x13	12 inch	5.25	6.00	7.50	8.25
	0113	113	12x13	9 $\frac{1}{4}$ x13 $\frac{5}{8}$	8 $\frac{1}{2}$ x13	12 inch	5.25	6.00	7.50	8.25
	....	153	12x14	9 $\frac{1}{4}$ x13 $\frac{5}{8}$	8 $\frac{1}{2}$ x13	12 inch	6.50	7.50	8.50	9.50
	0154	154	12x14	11 $\frac{3}{8}$ x14 $\frac{5}{8}$	10 $\frac{3}{4}$ x14	14 inch	9.00	10.00	12.00	12.50

For sand finishes, add 10% to the above prices.



## Handy Double Fittings for Vol-Yum and Island City Registers

## List Prices, Fittings for No. 2 Heads

Number Vol-Yum	Number Island City	Outside Size of Handy Double Pipe	Inside Size of Handy Double Pipe	Size of Collar in Boot	Head No. 2	Head No. 2 with Top Collar	Boots No. 10, 11, 12 and 18	Single Boot with Handy Double Slip	Angle No. 6	Elbow No. 16 or Special Boot Offset	2 inch Piece	4 inch Piece	6 inch Piece	9 inch Piece
<b>Second Floor</b>	050	3 $\frac{3}{8}$ x10 $\frac{1}{2}$	3 x10	8 inch	\$2.30	See Prices of Wall Stack Fittings Page 13.								
...	62	3 $\frac{3}{8}$ x12 $\frac{1}{2}$	3 x12	9 inch	2.40									
063	63	3 $\frac{3}{8}$ x12 $\frac{1}{2}$	3 x12	9 inch	2.40									
<b>First Floor</b>	050	6 $\frac{1}{4}$ x10 $\frac{1}{2}$	5 $\frac{1}{2}$ x10	8 inch	2.30	\$2.75	\$2.30	\$1.70	\$ 1.20	\$1.60	\$ .70	\$ .85	\$1.05	\$1.20
...	62	6 $\frac{1}{4}$ x12 $\frac{1}{2}$	5 $\frac{1}{2}$ x12	9 inch	2.40	2.90	2.40	1.80	1.30	1.70	.75	.90	1.15	1.30
063	63	6 $\frac{1}{4}$ x12 $\frac{1}{2}$	5 $\frac{1}{2}$ x12	9 inch	2.40	2.90	2.40	1.80	1.30	1.70	.75	.90	1.15	1.30
...	76	7 $\frac{1}{4}$ x12 $\frac{1}{2}$	6 $\frac{1}{2}$ x12	10 inch	2.65	3.20	2.60	1.95	1.45	1.80	.80	.95	1.20	1.50
077	77	7 $\frac{1}{4}$ x12 $\frac{1}{2}$	6 $\frac{1}{2}$ x12	10 inch	2.65	3.20	2.60	1.95	1.45	1.80	.80	.95	1.20	1.50
078	78	7 $\frac{1}{4}$ x12 $\frac{1}{2}$	6 $\frac{1}{2}$ x12	10 inch	2.65	3.20	2.60	1.95	1.45	1.80	.80	.95	1.20	1.50
...	112	7 $\frac{1}{4}$ x13 $\frac{1}{2}$	6 $\frac{1}{2}$ x13	12 inch	2.75	3.30	2.70	2.05	1.50	1.90	.85	1.00	1.25	1.60
0112	...	9 $\frac{1}{4}$ x13 $\frac{1}{2}$	8 $\frac{1}{2}$ x13	12 inch	3.20	3.80	3.10	2.40	1.80	2.50	.95	1.15	1.45	1.75
0113	113	9 $\frac{1}{4}$ x13 $\frac{1}{2}$	8 $\frac{1}{2}$ x13	12 inch	3.20	3.80	3.10	2.40	1.80	2.50	.95	1.15	1.45	1.75
...	153	9 $\frac{1}{4}$ x13 $\frac{1}{2}$	8 $\frac{1}{2}$ x13	12 inch	3.20	3.80	3.10	2.40	1.80	2.50	.95	1.15	1.45	1.75
0154	154	11 $\frac{3}{8}$ x14 $\frac{1}{2}$	10 $\frac{1}{4}$ x14	14 inch	3.90	4.70	3.70	2.90	2.65	3.25	1.25	1.45	1.75	2.10

## List Prices, Fittings for No. 3 Heads

Number Vol-Yum	Number Island City	Outside Size of Handy Double Pipe	Inside Size of Handy Double Pipe	Size of Collar in Boot	Head No. 3	Head No. 3 with Top Collar	Boots No. 10, 11, 12 and 18	Single Boot with Handy Double Slip	Angle No. 6	Elbow No. 16 or Special Boot Offset	2 inch Piece	4 inch Piece	6 inch Piece	9 inch Piece
<b>Second Floor</b>	050	3 $\frac{3}{8}$ x10 $\frac{1}{2}$	3 x10	8 inch	\$2.75	See Prices of Wall Stack Fittings Page 13.								
...	62	3 $\frac{3}{8}$ x12 $\frac{1}{2}$	3 x12	9 inch	2.95									
063	63	3 $\frac{3}{8}$ x12 $\frac{1}{2}$	3 x12	9 inch	2.95									
<b>First Floor</b>	050	8 $\frac{5}{8}$ x10 $\frac{1}{2}$	8 x10	9 or 10 in.	2.75	...	\$2.80	\$2.05	\$1.45	\$1.65	\$ .80	\$ .95	\$1.20	\$1.50
...	62	8 $\frac{5}{8}$ x12 $\frac{1}{2}$	8 x12	10 inch	2.95	...	3.00	2.15	1.55	1.90	.90	1.05	1.30	1.65
063	63	8 $\frac{5}{8}$ x12 $\frac{1}{2}$	8 x12	10 inch	2.95	...	3.00	2.15	1.55	1.90	.90	1.05	1.30	1.65
...	76	10 $\frac{5}{8}$ x12 $\frac{1}{2}$	10 x12	12 inch	3.20	\$3.85	3.20	2.35	1.70	2.05	.95	1.15	1.50	1.75
077	77	10 $\frac{5}{8}$ x12 $\frac{1}{2}$	10 x12	12 inch	3.20	3.85	3.20	2.35	1.70	2.05	.95	1.15	1.50	1.75
078	78	10 $\frac{5}{8}$ x12 $\frac{1}{2}$	10 x12	12 inch	3.20	3.85	3.20	2.35	1.70	2.05	.95	1.15	1.50	1.75
...	112	10 $\frac{5}{8}$ x13 $\frac{1}{2}$	10 x13	14 inch	3.40	4.10	3.40	2.40	1.80	2.15	1.05	1.25	1.55	1.85
0112	...	14 $\frac{1}{2}$ x13 $\frac{1}{2}$	14 x13	14 inch	3.85	4.60	4.20	3.10	2.20	2.75	1.25	1.75	1.95	2.15
0113	113	14 $\frac{1}{2}$ x13 $\frac{1}{2}$	14 x13	14 inch	3.85	4.60	4.20	3.10	2.20	2.75	1.25	1.75	1.95	2.15
...	153	14 $\frac{1}{2}$ x13 $\frac{1}{2}$	14 x13	14 inch	3.85	4.60	4.20	3.10	2.20	2.75	1.25	1.75	1.95	2.15
0154	154	19 $\frac{1}{8}$ x14 $\frac{1}{2}$	18 $\frac{1}{2}$ x14	16 inch	4.90	5.85	5.00	3.85	3.00	3.50	1.60	2.20	2.50	3.25

## Single Fittings for Vol-Yum and Island City Registers

## List Prices, Fittings for No. 2-S Heads

Number Vol-Yum	Number Island City	Size of Single Pipe	Size of Collar in Boot	Head No. 2s	Head No. 2s with Top Collar	Boots Nos. 5s, 7s, 13s and 17s	Angle No. 6s	Elbow No. 16s or Special Boot Offset
<b>Second Floor</b>	050	3 $\frac{3}{8}$ x10	8 inch	\$ .85	See Prices of Wall Stack Fittings page 13.			
...	62	3 $\frac{3}{8}$ x12	9 inch	.95				
063	63	3 $\frac{3}{8}$ x12	9 inch	.95				
<b>First Floor</b>	050	6 $\frac{1}{4}$ x10	8 inch	.85	\$1.00	\$ .95	\$ .55	\$ .70
...	62	6 $\frac{1}{4}$ x12	9 inch	.95	1.10	1.05	.60	.80
063	63	6 $\frac{1}{4}$ x12	9 inch	.95	1.10	1.05	.60	.80
...	76	7 $\frac{1}{4}$ x12	10 inch	1.00	1.20	1.15	.65	.85
077	77	7 $\frac{1}{4}$ x12	10 inch	1.00	1.20	1.15	.65	.85
078	78	7 $\frac{1}{4}$ x12	10 inch	1.00	1.20	1.15	.65	.85
...	112	7 $\frac{1}{4}$ x13	12 inch	1.10	1.30	1.20	.70	.90
0112	...	9 $\frac{1}{4}$ x13	12 inch	1.30	1.55	1.40	.90	1.10
0113	113	9 $\frac{1}{4}$ x13	12 inch	1.30	1.55	1.40	.90	1.10
...	153	9 $\frac{1}{4}$ x13	12 inch	1.30	1.55	1.40	.90	1.10
0154	154	11 $\frac{3}{8}$ x14	14 inch	1.70	2.15	1.80	1.20	1.35

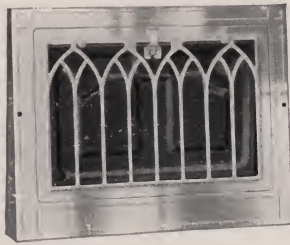
## List Prices, Fittings for No. 3-S Heads

Number Vol-Yum	Number Island City	Size of Single Pipe	Size of Collar in Boot	Head No. 3s	Head No. 3s with Top Collar	Boots Nos. 5s 7s, 13s and 17s	Angle No. 6s	Elbow No. 16s or Special Boot Offset
<b>Second Floor</b>	050	3 $\frac{3}{8}$ x10	8 inch	\$ .95	See Prices of Wall Stack Fittings page 13.			
...	62	3 $\frac{3}{8}$ x12	9 inch	1.05				
063	63	3 $\frac{3}{8}$ x12	9 inch	1.05				
<b>First Floor</b>	050	8 $\frac{5}{8}$ x10	9 or 10 inch	1.10		\$1.20	\$ .70	\$ .95
...	62	8 $\frac{5}{8}$ x12	10 inch	1.20	\$1.45	1.30	.80	1.05
063	63	8 $\frac{5}{8}$ x12	10 inch	1.20	1.45	1.30	.80	1.05
...	76	10 $\frac{5}{8}$ x12	12 inch	1.25	1.50	1.35	.85	1.15
077	77	10 $\frac{5}{8}$ x12	12 inch	1.25	1.50	1.35	.85	1.15
078	78	10 $\frac{5}{8}$ x12	12 inch	1.25	1.50	1.35	.85	1.15
...	112	10 $\frac{5}{8}$ x13	14 inch	1.35	1.60	1.45	.90	1.20
0112	...	14 $\frac{1}{2}$ x13	14 inch	1.80	2.15	1.90	1.15	1.40
0113	113	14 $\frac{1}{2}$ x13	14 inch	1.80	2.15	1.90	1.15	1.40
...	153	14 $\frac{1}{2}$ x13	14 inch	1.80	2.15	1.90	1.15	1.40
0154	154	19 $\frac{1}{8}$ x14	16 inch	2.15	2.60	2.25	1.35	1.80

Add 50c net for heads made for partitions wider or narrower than regular.



## Hart &amp; Cooley Baseboard Registers



Class No. 110

The beauty of this new type Baseboard Register is enhanced by the attractive design of the register face and by the embossed paneling around the margins of the frame.

This series is the two-piece type with face removable from the frame by a quarter turn of the locking buttons.

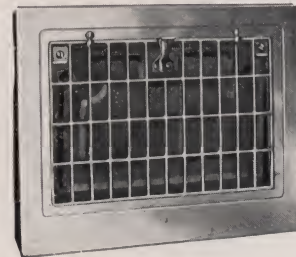


Class No. 170

Made in formed-bar design to give the greatest possible face area consistent with proper protection of the opening and beauty of design.

This series is the two-piece type with face removable from the frame by a quarter turn of the locking buttons.

Class No. 190 is the same design with Non-Detachable Face, One-Piece Register.



Class No. 150

With oblong hole perforations, and with the fretwork now pinched completely back, this series offers a free air capacity that is exceptional in a plain lattice design register.

This series is the two-piece type with face removable from the frame by a quarter turn of the locking buttons.

Class No. 160 is the same design with Non-Detachable Face, One-Piece Register.

## LIST PRICES No. 150 AND 160

Class	Size	Round Pipe Size	Register Projection	Free Air Opening in Grille	Black Japanned	White Japanned, Oak L.A.B.	Oxidized Copper	Nick'l or Brush Brass
For Second Floor	151 1/4	8x10	8-inch	1 1/4-inch	55 Sq. In.	\$2.00	\$2.35	\$3.50
or	171 1/4	8x12	9-inch	1 1/4-inch	68 Sq. In.	2.40	2.90	3.95
Floor	161 1/4	9x12	9-inch	1 1/4-inch	78 Sq. In.	2.50	3.00	4.00
For First Floor	152 1/4	8x10	8-inch	2 1/4-inch	55 Sq. In.	2.00	2.35	3.50
or	172 1/4	8x12	9-inch	2 1/4-inch	68 Sq. In.	2.40	2.90	3.95
Floor	162 1/4	9x12	9-inch	2 1/4-inch	78 Sq. In.	3.00	3.50	4.50
	153 1/4	10x12	10-inch	3 1/4-inch	86 Sq. In.	4.00	4.60	5.75
or	163 1/4	11x13	10-inch	3 1/4-inch	103 Sq. In.	4.50	5.25	6.75
	155 1/4	11x13	12-inch	5 7/8-inch	103 Sq. In.	5.25	6.00	7.50
or	165 1/4	12x14	12-inch	5 7/8-inch	121 Sq. In.	6.50	7.50	8.50

For sand finishes, add 10% to the above prices.

## LIST PRICES No. 110, 170 AND 190

Class	Size	Round Pipe Size	Register Projection	Free Air Opening in Grille	Black Japanned	White Japanned Oak and L.A.B.	Oxidized Copper	Nickel or Brush Brass
For Second Floor	111 1/4	8x10	8-inch	1 1/4-inch	63 Sq. In.	\$2.00	\$3.50	\$3.85
or	171 1/4	8x12	9-inch	1 1/4-inch	78 Sq. In.	2.40	3.95	4.35
	191 1/4	9x12	9-inch	1 1/4-inch	88 Sq. In.	2.50	4.00	4.40
For First Floor	112 1/4	8x10	8-inch	2 1/4-inch	63 Sq. In.	2.00	3.50	3.85
or	172 1/4	8x12	9-inch	2 1/4-inch	78 Sq. In.	2.40	3.95	4.35
	192 1/4	9x12	9-inch	2 1/4-inch	88 Sq. In.	3.00	4.50	4.90
	113 1/4	8x12	10-inch	3 1/4-inch	78 Sq. In.	3.00	4.50	4.90
or	173 1/4	10x12	10-inch	3 1/4-inch	98 Sq. In.	4.00	5.75	6.35
	193 1/4	10x13	10-inch	3 1/4-inch	107 Sq. In.	4.20	6.20	7.00
		11x13	10-inch	3 1/4-inch	118 Sq. In.	4.50	6.75	7.50
	114 3/4	10x13	12-inch	4 3/4-inch	107 Sq. In.	4.85	7.00	8.00
or	174 3/4							
	194 3/4							
	115 1/4	11x13	12-inch	5 7/8-inch	118 Sq. In.	5.25	7.50	8.25
or	175 1/4	12x14	12-inch	5 7/8-inch	149 Sq. In.	6.50	8.50	9.50
	195 1/4							
	117 1/2	12x14	14-inch	7 1/2-inch	149 Sq. In.	9.00	12.00	12.50
or	177 1/2							

For sand finishes, add 10% to the above prices.



## Handy Double Fittings for Hart and Cooley Registers

## LIST PRICES FITTINGS FOR No. 2 HEADS

CLASS				Size	Outside Size of Handy Double Pipe	Inside Size of Handy Double Pipe	Size of Collar in Boot	Head No. 2	Head No. 2 with Top Collar	Boots Nos. 10, 11, 12 and 18	Single Boot with H'ndy D'uble Slip	Angle No. 6	Elbow No. 16 or Spec. Boot Offset	2" Piece	4" Piece	6" Piece	9" Piece	
For Second Floor	151 1/4	161 1/4	111 1/4	8x10	3 5/8 x 10 5/8	3 x 10	8-inch	\$2.30	See	Prices of	Wall	Stack	Fittings	Page 13.				
	151 1/4	161 1/4	171 1/4	8x12	3 5/8 x 12 5/8	3 x 12	9-inch	2.40										
	151 1/4	161 1/4	or 191 1/4	9x12	3 5/8 x 12 5/8	3 x 12	9-inch	2.40										
For First Floor	152 1/4	162 1/4	112 1/4	8x10	6 1/8 x 10 5/8	5 1/2 x 10	8-inch	2.30	\$2.75	\$2.30	\$1.70	\$1.20	\$1.60	\$ .70	\$ .85	\$1.05	\$1.20	
	152 1/4	162 1/4	172 1/4	8x12	6 1/8 x 12 5/8	5 1/2 x 12	9-inch	2.40	2.90	2.40	1.80	1.30	1.70	.75	.90	1.15	1.30	
	152 1/4	162 1/4	or 192 1/4	9x12	6 1/8 x 12 5/8	5 1/2 x 12	9-inch	2.40	2.90	2.40	1.80	1.30	1.70	.75	.90	1.15	1.30	
	153 3/4	163 3/4	113 3/4, 173 3/4 or 193 3/4	8x12	7 7/8 x 12 5/8	6 1/2 x 12	10-inch	2.65	3.20	2.60	1.95	1.45	1.80	.80	.95	1.20	1.50	
				10x12	7 7/8 x 12 5/8	6 1/2 x 12	10-inch	2.65	3.20	2.60	1.95	1.45	1.80	.80	.95	1.20	1.50	
				10x13	7 7/8 x 13 5/8	6 1/2 x 13	10-inch	2.75	3.30	2.70	2.05	1.50	1.90	.85	1.00	1.25	1.60	
	153 3/4	163 3/4	114 3/4, 174 3/4 or 194 3/4	11x13	7 7/8 x 13 5/8	6 1/2 x 13	10-inch	2.75	3.30	2.70	2.05	1.50	1.90	.85	1.00	1.25	1.60	
				10x13	8 5/8 x 13 5/8	8 x 13	12-inch	3.20	3.80	3.10	2.40	1.80	2.50	.95	1.15	1.45	1.75	
	155 1/4	165 1/4	115 1/4, 175 1/4 or 195 1/4	11x13	9 1/8 x 13 5/8	8 1/2 x 13	12-inch	3.20	3.80	3.10	2.40	1.80	2.50	.95	1.15	1.45	1.75	
	155 1/4	165 1/4		12x14	9 1/8 x 14 5/8	8 1/2 x 14	12-inch	3.30	3.95	3.20	2.50	2.05	2.65	1.00	1.20	1.50	1.85	
			117 1/2, 177 1/2	12x14	11 3/8 x 14 5/8	10 3/4 x 14	14-inch	3.90	4.70	3.70	2.90	2.65	3.25	1.25	1.45	1.75	2.10	

## LIST PRICES FITTINGS FOR No. 3 HEADS

CLASS				Size	Outside Size of Handy Double Pipe	Inside Size of Handy Double Pipe	Size of Collar in Boot	Head No. 3	Head No. 3 with Top Collar	Boots Nos. 10, 11, 12 and 18	Single Boot with H'ndy D'uble Slip	Angle No. 6	Elbow No. 16 or Spec. Boot Offset	2" Piece	4" Piece	6" Piece	9" Piece
For Second Floor	151 1/4	161 1/4	111 1/4	8x10	3 3/8 x10 5/8	3 x10	8-inch	\$2.75									
	151 1/4	161 1/4	171 1/4	8x12	3 3/8 x12 5/8	3 x12	9-inch	2.95	See Prices of Wall Stack Fittings Page 13.								
	151 1/4	161 1/4	or 191 1/4	9x12	3 3/8 x12 5/8	3 x12	9-inch	2.95									
For First Floor	152 1/4	162 1/4	112 1/4	8x10	8 5/8 x10 5/8	8 x10	9 or 10	2.75		....	\$2.80	\$2.05	\$1.45	\$1.65	\$ .80	\$ .95	\$1.20
	152 1/4	162 1/4	172 1/4	8x12	8 5/8 x12 5/8	8 x12	10-inch	2.95	....	3.00	2.15	1.55	1.90	.90	1.05	1.30	1.65
	152 1/4	162 1/4	or 192 1/4	9x12	8 5/8 x12 5/8	8 x12	10-inch	2.95	....	3.00	2.15	1.55	1.90	.90	1.05	1.30	1.65
	153 3/4	163 3/4	113 3/4, 173 3/4 or 193 3/4	8x12	10 5/8 x12 5/8	10 x12	12-inch	3.20	\$3.85	3.20	2.35	1.70	2.05	.95	1.15	1.50	1.75
				10x12	10 5/8 x12 5/8	10 x12	12-inch	3.20	3.85	3.20	2.35	1.70	2.05	.95	1.15	1.50	1.75
				10x13	10 5/8 x13 5/8	10 x13	12-inch	3.40	4.10	3.40	2.40	1.80	2.15	1.05	1.25	1.55	1.85
	153 3/4	163 3/4	114 3/4, 174 3/4 or 194 3/4	11x13	10 5/8 x13 5/8	10 x13	12-inch	3.40	4.10	3.40	2.40	1.80	2.15	1.05	1.25	1.55	1.85
				10x13	13 5/8 x13 5/8	13 x13	14-inch	3.85	4.60	4.20	3.10	2.20	2.75	1.25	1.75	1.95	2.15
				11x13	14 5/8 x13 5/8	14 x13	14-inch	3.85	4.60	4.20	3.10	2.20	2.75	1.25	1.75	1.95	2.15
	155 1/4 155 1/4	165 1/4 165 1/4	115 1/4, 175 1/4 or 195 1/4	12x14	14 5/8 x14 5/8	14 x14	14-inch	4.10	4.90	4.40	3.15	2.40	2.90	1.30	1.80	2.00	2.25
				12x14	19 1/8 x14 5/8	18 1/2 x14	16-inch	4.90	5.85	5.00	3.85	3.00	3.50	1.60	2.20	2.50	3.25

Add 50c net for all heads made for partitions wider or narrower than regular.

## Single Fittings for Hart and Cooley Registers

## LIST PRICES FITTINGS FOR No. 2-S HEADS

CLASS			Size	Size of Single Pipe	Size of Collar in Boot	Head No. 2-S	Head No. 2-S with Top Collar	Boots Nos. 5-S, 7-S, 13-S and 17-S	Angle No. 6-S	Elbow No. 16-S or Special Boot Offset
151 $\frac{1}{4}$	161 $\frac{1}{4}$	111 $\frac{1}{4}$ , 171 $\frac{1}{4}$	8x10	3 $\frac{5}{8}$ x10	8-inch	\$ .85	See Prices of Wall Stack Fittings Page 13.			
151 $\frac{1}{4}$	161 $\frac{1}{4}$	or 191 $\frac{1}{4}$	8x12	3 $\frac{5}{8}$ x12	9-inch	.95				
151 $\frac{1}{4}$	161 $\frac{1}{4}$		9x12	3 $\frac{5}{8}$ x12	9-inch	.95				
152 $\frac{1}{4}$	162 $\frac{1}{4}$	112 $\frac{1}{4}$ , 172 $\frac{1}{4}$	8x10	6 $\frac{1}{4}$ x10	8-inch	.85	\$1.00	\$ .95	\$ .55	\$ .70
152 $\frac{1}{4}$	162 $\frac{1}{4}$	or 192 $\frac{1}{4}$	8x12	6 $\frac{1}{4}$ x12	9-inch	.95	1.10	1.05	.60	.80
152 $\frac{1}{4}$	162 $\frac{1}{4}$		9x12	6 $\frac{1}{4}$ x12	9-inch	.95	1.10	1.05	.60	.80
153 $\frac{1}{4}$	163 $\frac{1}{4}$	113 $\frac{1}{4}$ , 173 $\frac{1}{4}$	8x12	7 $\frac{1}{4}$ x12	10-inch	1.00	1.20	1.15	.65	.85
			10x12	7 $\frac{1}{4}$ x12	10-inch	1.00	1.20	1.15	.65	.85
			10x13	7 $\frac{1}{4}$ x13	10-inch	1.10	1.30	1.20	.70	.90
		114 $\frac{3}{4}$ , 174 $\frac{3}{4}$	11x13	7 $\frac{1}{4}$ x13	10-inch	1.10	1.30	1.20	.70	.90
153 $\frac{1}{4}$	163 $\frac{1}{4}$	or 194 $\frac{3}{4}$	10x13	8 $\frac{5}{8}$ x13	12-inch	1.30	1.55	1.40	.90	1.10
155 $\frac{1}{4}$	165 $\frac{1}{4}$	115 $\frac{1}{4}$ , 175 $\frac{1}{4}$	11x13	9 $\frac{1}{8}$ x13	12-inch	1.30	1.55	1.40	.90	1.10
155 $\frac{1}{4}$	165 $\frac{1}{4}$	or 195 $\frac{1}{4}$	12x14	9 $\frac{1}{8}$ x14	12-inch	1.45	1.70	1.55	.95	1.20
		117 $\frac{1}{2}$ , 177 $\frac{1}{2}$	12x14	11 $\frac{3}{8}$ x14	14-inch	1.70	2.15	1.80	1.20	1.35

## LIST PRICES FITTINGS FOR No. 3-S HEADS

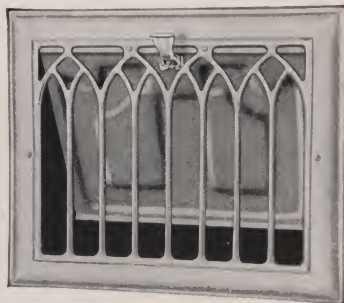
CLASS			Size	Size of Single Pipe	Size of Collar in Boot	Head No. 3-S	Head No. 3-S with Top Collar	Boots Nos. 5-S, 7-S, 13-S and 17-S	Angles No. 6-S	Elbow No. 16-S or Special Boot Offset
151 $\frac{1}{4}$	161 $\frac{1}{4}$	111 $\frac{1}{4}$ , 171 $\frac{1}{4}$	8x10	3 $\frac{5}{8}$ x10	8-inch	\$ .95	See Prices of Wall Stack Fittings Page 13.			
151 $\frac{1}{4}$	161 $\frac{1}{4}$	or 191 $\frac{1}{4}$	8x12	3 $\frac{5}{8}$ x12	9-inch	1.05				
151 $\frac{1}{4}$	161 $\frac{1}{4}$		9x12	3 $\frac{5}{8}$ x12	9-inch	1.05				
152 $\frac{1}{4}$	162 $\frac{1}{4}$	112 $\frac{1}{4}$ , 172 $\frac{1}{4}$	8x10	8 $\frac{5}{8}$ x10	9 or 10 in.	1.10	....	\$1.20	\$ .70	\$ .95
152 $\frac{1}{4}$	162 $\frac{1}{4}$	or 192 $\frac{1}{4}$	8x12	8 $\frac{5}{8}$ x12	10-inch	1.20	\$1.45	1.30	.80	1.05
152 $\frac{1}{4}$	162 $\frac{1}{4}$		9x12	8 $\frac{5}{8}$ x12	10-inch	1.20	1.45	1.30	.80	1.05
153 $\frac{1}{4}$	163 $\frac{1}{4}$	113 $\frac{1}{4}$ , 173 $\frac{1}{4}$	8x12	10 $\frac{5}{8}$ x12	12-inch	1.25	1.50	1.35	.85	1.15
			10x12	10 $\frac{5}{8}$ x12	12-inch	1.25	1.50	1.35	.85	1.15
			10x13	10 $\frac{5}{8}$ x13	12-inch	1.35	1.60	1.45	.90	1.20
		114 $\frac{3}{4}$ , 174 $\frac{3}{4}$	11x13	10 $\frac{5}{8}$ x13	12-inch	1.35	1.60	1.45	.90	1.20
153 $\frac{1}{4}$	163 $\frac{1}{4}$	or 194 $\frac{3}{4}$	10x13	13 $\frac{5}{8}$ x13	14-inch	1.80	2.15	1.90	1.15	1.40
155 $\frac{1}{4}$	165 $\frac{1}{4}$	115 $\frac{1}{4}$ , 175 $\frac{1}{4}$	11x13	14 $\frac{5}{8}$ x13	14-inch	1.80	2.15	1.90	1.15	1.40
155 $\frac{1}{4}$	165 $\frac{1}{4}$	or 195 $\frac{1}{4}$	12x14	14 $\frac{5}{8}$ x14	14-inch	1.95	2.35	2.05	1.20	1.55
		117 $\frac{1}{2}$ , 177 $\frac{1}{2}$	12x14	19 $\frac{1}{8}$ x14	16-inch	2.15	2.60	2.25	1.35	1.80

Add 50c net for all heads made for partitions wider or narrower than regular.



## Hart and Cooley Wafer Registers

FOR USE ABOVE BASEBOARDS

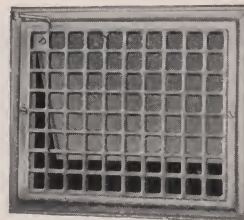


No. 310

This new design Wafer Register, for use above baseboard, is made in the horizontal type only. It is designed for use with the No. 110 Sidewall Register. Its free air capacity is so great that the sizes larger than 8x12 are not necessary for any standard wall stack.

### LIST PRICES

Size	Air Cap. Square Inch	Black Japan	White Japan Oak or L.A.B.	Oxidized Copper	Nickel or Brush Brass
8x10	59	\$1.65	\$2.00	\$3.15	\$3.85
8x12	72	1.90	2.30	3.65	4.40



No. 345

This register designed for use in the sidewall above the baseboard, is a reversible register and may be used either in a horizontal or vertical setting simply by removing two screws.

### LIST PRICES

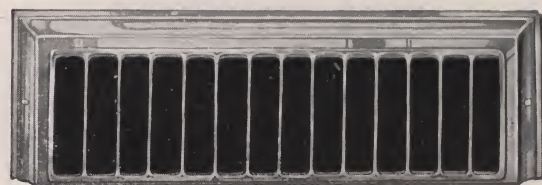
Size	Air Cap. Square Inch	Black Japan	White Japan Oak or L.A.B.	Oxidized Copper	Nickel or Brush Brass
8x10	44	\$1.65	\$2.00	\$3.15	\$3.85
8x12	53	1.90	2.30	3.65	4.40
9x12	60	2.10	2.55	4.00	5.10
10x12	66	2.40	2.90	4.40	5.50

## Baseboard Ventilating Plates and Adjustable Ceiling Ventilators



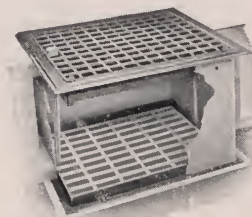
No. 651

No. 651 Baseboard Ventilating Plate, for use with No. 110 Sidewall Registers, has openings close to the floor, making it very efficient in removing cold air. The edges fit tight to the baseboard.



No. 657

No. 657 Baseboard Ventilating Plate is identical with No. 651 except that the face is of the bar type for use with the No. 107 Sidewall Register.



Ceiling Ventilator

Complete with Black Japan Register on floor White Japan Face on ceiling and adjustable tin box.

Adjustable Ceiling Ventilators are made to carry surplus heat from a lower to an upper room.

### AIR CAPACITIES AND LIST PRICES No. 651 AND No. 657

Size	Overall Dimensions	Air Capacity Square Inches Number 651	Air Capacity Square Inches Number 657	Black Japan	White Japan Oak L.A.B.	Oxidized Copper	Nickel or Brush Brass
4x14	5 $\frac{3}{4}$ x16 $\frac{1}{4}$	44	46	\$1.00	\$1.40	\$2.00	\$2.40
4x30	5 $\frac{3}{4}$ x31 $\frac{1}{4}$	96	98	2.15	3.00	4.60	5.00

### LIST PRICES

Size	9x12	10x12	10x14	12x14
	\$5.40	\$6.40	\$7.60	\$10.00



## JONES NATIONAL REGISTERS

Complete with Double Boxes



Single Register

All Boxes for JONES-NATIONAL REGISTERS are made of heavy-gauge Galvanized Steel outer casing with an Inner Lining of Heavy Bright Tin.

The Patented Sealing Strip Tightly Seals the Register Frame to the Box by merely bending over with the fingers.



Double Register

### LIST PRICES SINGLE REGISTERS

Number	Outside Size of Handy Double Pipe	Inside Size of Handy Double Pipe	Size of Collar in Boot	Black Japanned	White Japanned or Lacquered Bronze	Oxidized Copper	Nickel or Brush Brass
Second Floor	853	3 $\frac{1}{8}$ x10 $\frac{1}{8}$	3 x10	8 inch	\$ 3.50	\$ 4.20	\$ 5.50
	852	3 $\frac{1}{8}$ x12 $\frac{1}{8}$	3 x12	9 inch	4.00	4.80	6.00
	854	3 $\frac{1}{8}$ x13 $\frac{1}{8}$	3 x13	10 inch	4.50	5.25	6.50
First Floor	853 $\frac{1}{2}$	6 $\frac{1}{4}$ x10 $\frac{1}{8}$	5 $\frac{1}{2}$ x10	8 inch	4.00	4.50	5.50
	852 $\frac{1}{2}$	6 $\frac{1}{4}$ x12 $\frac{1}{8}$	5 $\frac{1}{2}$ x12	9 inch	5.00	5.50	7.00
	854 $\frac{1}{2}$	6 $\frac{1}{4}$ x12 $\frac{1}{8}$	5 $\frac{1}{2}$ x12	9 inch	5.25	5.75	7.25
	855	7 $\frac{1}{8}$ x12 $\frac{1}{8}$	6 $\frac{1}{2}$ x12	10 inch	6.25	6.75	8.50
	852 $\frac{1}{4}$	7 $\frac{1}{8}$ x12 $\frac{1}{8}$	6 $\frac{1}{2}$ x12	10 inch	5.50	6.00	7.40
	854 $\frac{1}{4}$	7 $\frac{1}{8}$ x12 $\frac{1}{8}$	6 $\frac{1}{2}$ x12	10 inch	5.75	6.25	7.65
	855 $\frac{1}{4}$	7 $\frac{1}{8}$ x12 $\frac{1}{8}$	6 $\frac{1}{2}$ x12	10 inch	6.50	7.00	8.75
	856	7 $\frac{1}{8}$ x13 $\frac{1}{8}$	6 $\frac{1}{2}$ x13	10 inch	7.00	7.75	9.00
	8556	9 $\frac{1}{8}$ x13 $\frac{1}{8}$	8 $\frac{1}{2}$ x13	12 inch	8.00	8.75	10.00
	8557	9 $\frac{1}{8}$ x14 $\frac{1}{8}$	8 $\frac{1}{2}$ x14	12 inch	9.00	10.00	12.00

### LIST PRICES DOUBLE REGISTERS

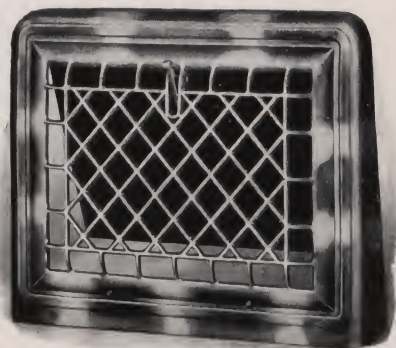
Number	Outside Size of Handy Double Pipe	Inside Size of Handy Double Pipe	Size of Collar in Boot	Black Japanned	White Japanned or Lacquered Bronze	Oxidized Copper	Nickel or Brush Brass
Second Floor	2—853	3 $\frac{1}{8}$ x10 $\frac{1}{8}$	3x10	8 inch	\$ 5.75	\$ 6.50	\$ 9.50
	2—852	3 $\frac{1}{8}$ x12 $\frac{1}{8}$	3x12	9 inch	6.50	7.50	10.50
	2—854	3 $\frac{1}{8}$ x13 $\frac{1}{8}$	3x13	10 inch	7.00	8.00	11.00
First Floor	2—853 $\frac{1}{2}$	8 $\frac{1}{4}$ x10 $\frac{1}{8}$	8x10	9 or 10 inch	6.50	7.50	10.50
	2—852 $\frac{1}{2}$	8 $\frac{1}{4}$ x12 $\frac{1}{8}$	8x12	10 inch	7.50	8.50	11.50
	2—854 $\frac{1}{2}$	8 $\frac{1}{4}$ x12 $\frac{1}{8}$	8x12	10 inch	8.50	9.50	12.50
	2—855	10 $\frac{1}{8}$ x12 $\frac{1}{8}$	10x12	12 inch	10.00	11.00	14.00
	2—852 $\frac{1}{4}$	10 $\frac{1}{8}$ x12 $\frac{1}{8}$	10x12	12 inch	8.40	9.40	12.25
	2—854 $\frac{1}{4}$	10 $\frac{1}{8}$ x12 $\frac{1}{8}$	10x12	12 inch	9.40	10.40	13.20
	2—855 $\frac{1}{4}$	10 $\frac{1}{8}$ x12 $\frac{1}{8}$	10x12	12 inch	10.50	12.00	15.00
	2—856	10 $\frac{1}{8}$ x13 $\frac{1}{8}$	10x13	12 inch	11.50	13.00	17.00
	2—8556	14 $\frac{1}{8}$ x13 $\frac{1}{8}$	14x13	14 inch	14.00	15.00	18.00
	2—8557	14 $\frac{1}{8}$ x14 $\frac{1}{8}$	14x14	14 inch	16.00	17.00	20.00

For sand finishes add 10% to above prices.

Add \$2.00 to list prices for double head registers made for partitions wider or narrower than regular.



## NATIONAL REGISTERS



The NATIONAL REGISTER is made of two parts—a register and a border or frame. The frame fits against the plastered wall and the register box passes through the opening and turns over similarly to a floor register box in a floor border.

## LIST PRICES

Number	Outside Size of Handy Double Pipe	Inside Size of Handy Double Pipe	Size of Collar in Boot	Black Japanned	White Japanned or Lacquered Bronze	Oxidized Copper	Nickel or Brush Brass
<b>Second Floor</b>							
53	3 $\frac{5}{8}$ x 10 $\frac{5}{8}$	3 x 10	8 inch	\$ 2.00	\$ 2.35	\$ 3.50	\$ 3.85
52	3 $\frac{5}{8}$ x 12 $\frac{5}{8}$	3 x 12	9 inch	2.40	2.90	3.95	4.35
54	3 $\frac{5}{8}$ x 12 $\frac{5}{8}$	3 x 12	9 inch	2.50	3.00	4.00	4.40
<b>First Floor</b>							
53 $\frac{1}{2}$	6 $\frac{1}{8}$ x 10 $\frac{5}{8}$	5 $\frac{1}{2}$ x 10	8 inch	2.00	2.35	3.50	3.85
52 $\frac{1}{2}$	6 $\frac{1}{8}$ x 12 $\frac{5}{8}$	5 $\frac{1}{2}$ x 12	9 inch	2.40	2.90	3.95	4.35
54 $\frac{1}{2}$	6 $\frac{1}{8}$ x 12 $\frac{5}{8}$	5 $\frac{1}{2}$ x 12	9 inch	3.00	3.50	4.50	4.90
55	7 $\frac{1}{8}$ x 12 $\frac{5}{8}$	6 $\frac{1}{2}$ x 12	10 inch	3.75	4.35	5.50	6.10
52 $\frac{1}{4}$	7 $\frac{1}{8}$ x 12 $\frac{5}{8}$	6 $\frac{1}{2}$ x 12	10 inch	3.00	3.50	4.50	4.90
54 $\frac{1}{4}$	7 $\frac{1}{8}$ x 12 $\frac{5}{8}$	6 $\frac{1}{2}$ x 12	10 inch	3.25	3.75	4.75	5.15
55 $\frac{1}{4}$	7 $\frac{1}{8}$ x 12 $\frac{5}{8}$	6 $\frac{1}{2}$ x 12	10 inch	4.00	4.60	5.75	6.35
56	7 $\frac{1}{8}$ x 13 $\frac{5}{8}$	6 $\frac{1}{2}$ x 13	10 inch	4.50	5.25	6.75	7.50
556	9 $\frac{1}{8}$ x 13 $\frac{5}{8}$	8 $\frac{1}{2}$ x 13	12 inch	5.25	6.00	7.50	8.25
557	9 $\frac{1}{8}$ x 14 $\frac{5}{8}$	8 $\frac{1}{2}$ x 14	12 inch	6.50	7.50	8.50	9.50

For sand finishes add 10% to above prices.

## Handy Double Fittings for Jones National and National Registers

## List Prices Fittings for Single Head Jones National and No. 2 Head National Registers

Number Jones National	Number Nat'l	Outside Size of Handy Double Pipe	Inside Size of Handy Double Pipe	Size of Collar in Boot	Head No. 2 for Nat'l Register	Head No. 2 with Top Collar Nat'l Reg.	Boots Nos. 10, 11, 12 and 18	Single Boot with Handy Double Slip	Angle No. 6	Elbow No. 16 or Special Boot Offset	2 inch Piece	4 inch Piece	6 inch Piece	9 inch Piece
<b>Second Floor</b>														
853	53	3 $\frac{5}{8}$ x 10 $\frac{5}{8}$	3 x 10	8 inch	\$2.30	See Prices of Wall Stack Fittings Page 13.								
852	52	3 $\frac{5}{8}$ x 12 $\frac{5}{8}$	3 x 12	9 inch	2.40									
	54	3 $\frac{5}{8}$ x 12 $\frac{5}{8}$	3 x 12	9 inch	2.40									
854	..	3 $\frac{5}{8}$ x 13 $\frac{5}{8}$	3 x 13	10 inch	2.50									
<b>First Floor</b>														
853 $\frac{1}{2}$	53 $\frac{1}{2}$	6 $\frac{1}{8}$ x 10 $\frac{5}{8}$	5 $\frac{1}{2}$ x 10	8 inch	2.30	\$2.75	\$2.30	\$1.70	\$1.20	\$1.60	\$ .70	\$ .85	\$1.05	\$1.20
852 $\frac{1}{2}$	52 $\frac{1}{2}$	6 $\frac{1}{8}$ x 12 $\frac{5}{8}$	5 $\frac{1}{2}$ x 12	9 inch	2.40	2.90	2.40	1.80	1.30	1.70	.75	.90	1.15	1.30
854 $\frac{1}{2}$	54 $\frac{1}{2}$	6 $\frac{1}{8}$ x 12 $\frac{5}{8}$	5 $\frac{1}{2}$ x 12	9 inch	2.40	2.90	2.40	1.80	1.30	1.70	.75	.90	1.15	1.30
855	55	7 $\frac{1}{8}$ x 12 $\frac{5}{8}$	6 $\frac{1}{2}$ x 12	10 inch	2.65	3.20	2.60	1.95	1.45	1.80	.80	.95	1.20	1.50
852 $\frac{1}{4}$	52 $\frac{1}{4}$	7 $\frac{1}{8}$ x 12 $\frac{5}{8}$	6 $\frac{1}{2}$ x 12	10 inch	2.65	3.20	2.60	1.95	1.45	1.80	.80	.95	1.20	1.50
854 $\frac{1}{4}$	54 $\frac{1}{4}$	7 $\frac{1}{8}$ x 12 $\frac{5}{8}$	6 $\frac{1}{2}$ x 12	10 inch	2.65	3.20	2.60	1.95	1.45	1.80	.80	.95	1.20	1.50
855 $\frac{1}{4}$	55 $\frac{1}{4}$	7 $\frac{1}{8}$ x 12 $\frac{5}{8}$	6 $\frac{1}{2}$ x 12	10 inch	2.65	3.20	2.60	1.95	1.45	1.80	.80	.95	1.20	1.50
856	56	7 $\frac{1}{8}$ x 13 $\frac{5}{8}$	6 $\frac{1}{2}$ x 13	10 inch	2.75	3.30	2.70	2.05	1.50	1.90	.85	1.00	1.25	1.60
8556	556	9 $\frac{1}{8}$ x 13 $\frac{5}{8}$	8 $\frac{1}{2}$ x 13	12 inch	3.20	3.80	3.10	2.40	1.80	2.50	.95	1.15	1.45	1.75
8557	557	9 $\frac{1}{8}$ x 14 $\frac{5}{8}$	8 $\frac{1}{2}$ x 14	12 inch	3.30	3.95	3.20	2.50	2.05	2.65	1.00	1.20	1.50	1.85

## List Prices Fittings for Double Head Jones National and No. 3 Head National Registers

Number Jones National		Number Nat'l	Outside Size of Handy Double Pipe	Inside Size of Handy Double Pipe	Size of Collar in Boot	Head No. 3 for Nat'l Register	Head No. 3 with Top Collar Nat'l Reg.	Boots Nos. 10, 11, 12 and 18	Single Boot with Handy Double Slip	Angle No. 6	Elbow No. 16 or Special Boot Offset	2 inch Piece	4 inch Piece	6 inch Piece	9 inch Piece
Second Floor	2-853	53	3½x10½	3x10	8 inch	\$2.75	See Prices of Wall Stack Fittings Page 13.								
	2-852	52	3½x12½	3x12	9 inch	2.95									
		54	3½x12½	3x12	9 inch	2.95									
	2-854	..	3½x13½	3x13	10 inch	3.10									
First Floor	2-853½	53½	8½x10½	8x10	9 or 10 in.	2.75	....	\$2.80	\$2.05	\$1.45	\$1.65	\$ .80	\$ .95	\$1.20	\$1.50
	2-852½	52½	8½x12½	8x12	10 inch	2.95	....	3.00	2.15	1.55	1.90	.90	1.05	1.30	1.65
	2-854½	54½	8½x12½	8x12	10 inch	2.95	....	3.00	2.15	1.55	1.90	.90	1.05	1.30	1.65
	2-855	55	10½x12½	10x12	12 inch	3.20	\$3.85	3.20	2.35	1.70	2.05	.95	1.15	1.50	1.75
	2-852¾	52¾	10½x12½	10x12	12 inch	3.20	3.85	3.20	2.35	1.70	2.05	.95	1.15	1.50	1.75
	2-854¾	54¾	10½x12½	10x12	12 inch	3.20	3.85	3.20	2.35	1.70	2.05	.95	1.15	1.50	1.75
	2-855¾	55¾	10½x12½	10x12	12 inch	3.20	3.85	3.20	2.35	1.70	2.05	.95	1.15	1.50	1.75
	2-856	56	10½x13½	10x13	12 inch	3.40	4.10	3.40	2.40	1.80	2.15	1.05	1.25	1.55	1.85
	2-8556	556	14½x13½	14x13	14 inch	3.85	4.60	4.20	3.10	2.20	2.75	1.25	1.75	1.95	2.15
	2-8557	557	14½x14½	14x14	14 inch	4.10	4.90	4.40	3.15	2.40	2.90	1.30	1.80	2.00	2.25

## Single Fittings for Jones National and National Registers

## List Prices Fittings for Single Head Jones National and No. 2-S Head National Registers

Number Jones National	Number National	Size of Single Pipe	Size of Collar in Boot	Head No. 2-S for National Register	Head No. 2-S with Top Collar for National Register	Boots Nos. 5-S, 7-S, 13-S and 17-S	Angle No. 6-S	Elbow No. 16-S or Special Boot Offset
<b>Second Floor</b>	853	53	3 $\frac{5}{8}$ x10	8 inch	\$ .85	See Prices of Wall Stack Fittings Page 13.		
	852	52	3 $\frac{5}{8}$ x12	9 inch	.95			
		54	3 $\frac{5}{8}$ x12	9 inch	.95			
	854	..	3 $\frac{5}{8}$ x13	10 inch	1.05			
<b>First Floor</b>	853 $\frac{1}{2}$	53 $\frac{1}{2}$	6 $\frac{1}{8}$ x10	8 inch	.85	\$1.00	\$ .95	\$ .70
	852 $\frac{1}{2}$	52 $\frac{1}{2}$	6 $\frac{1}{8}$ x12	9 inch	.95	1.10	1.05	.80
	854 $\frac{1}{2}$	54 $\frac{1}{2}$	6 $\frac{1}{8}$ x12	9 inch	.95	1.10	1.05	.80
	855	55	7 $\frac{1}{8}$ x12	10 inch	1.00	1.20	1.15	.85
	852 $\frac{1}{4}$	52 $\frac{1}{4}$	7 $\frac{1}{8}$ x12	10 inch	1.00	1.20	1.15	.85
	854 $\frac{1}{4}$	54 $\frac{1}{4}$	7 $\frac{1}{8}$ x12	10 inch	1.00	1.20	1.15	.85
	855 $\frac{1}{4}$	55 $\frac{1}{4}$	7 $\frac{1}{8}$ x12	10 inch	1.00	1.20	1.15	.85
	856	56	7 $\frac{1}{8}$ x13	10 inch	1.10	1.30	1.20	.90
	8556	556	9 $\frac{1}{8}$ x13	12 inch	1.30	1.55	1.40	1.10
	8557	557	9 $\frac{1}{8}$ x14	12 inch	1.45	1.70	1.55	1.20

## List Prices Fittings for Single Head Jones National and 3-S Head National Registers

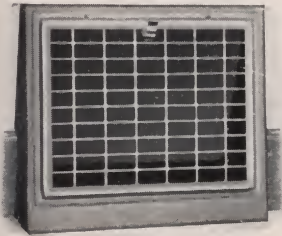
Number Jones National	Number National	Size of Single Pipe	Size of Collar in Boot	Head No. 3-S for National Register	Head No. 3-S with Top Collar for National Register	Boots Nos. 5-S, 7-S, 13-S and 17-S	Angle No. 6-S	Elbow No. 16-S or Special Boot Offset
<b>Second Floor</b>	2-853	53	3 $\frac{5}{8}$ x10	8 inch	\$ .95	See Prices of Wall Stack Fittings Page 13.		
	2-852	52	3 $\frac{5}{8}$ x12	9 inch	1.05			
		54	3 $\frac{5}{8}$ x12	9 inch	1.05			
	2-854	..	3 $\frac{5}{8}$ x13	10 inch	1.15			
<b>First Floor</b>	2-853 $\frac{1}{2}$	53 $\frac{1}{2}$	8 $\frac{5}{8}$ x10	9 or 10 inch	1.10	....	\$1.20	\$ .70
	2-852 $\frac{1}{2}$	52 $\frac{1}{2}$	8 $\frac{5}{8}$ x12	10-inch	1.20	\$1.45	1.30	.80
	2-854 $\frac{1}{2}$	54 $\frac{1}{2}$	8 $\frac{5}{8}$ x12	10 inch	1.20	1.45	1.30	.80
	2-855	55	10 $\frac{5}{8}$ x12	12 inch	1.25	1.50	1.35	.85
	2-852 $\frac{1}{4}$	52 $\frac{1}{4}$	10 $\frac{5}{8}$ x12	12 inch	1.25	1.50	1.35	.85
	2-854 $\frac{1}{4}$	54 $\frac{1}{4}$	10 $\frac{5}{8}$ x12	12 inch	1.25	1.50	1.35	.85
	2-855 $\frac{1}{4}$	55 $\frac{1}{4}$	10 $\frac{5}{8}$ x12	12 inch	1.25	1.50	1.35	.85
	2-856	56	10 $\frac{5}{8}$ x13	12 inch	1.35	1.60	1.45	.90
	2-8556	556	14 $\frac{5}{8}$ x13	14 inch	1.80	2.15	1.90	1.15
	2-8557	557	14 $\frac{5}{8}$ x14	14 inch	1.95	2.35	2.05	1.20

Add 50c net for all heads made for partitions wider or narrower than regular.



## Tuttle and Bailey Baseboard Registers

## LIST PRICES



Style 902

Two-piece register  
with full capacity.

Number	Size	Outside Size of Handy Double Pipe	Inside Size of Handy Double Pipe	Size of Collar in Boot	Black Japanned	White Japanned or Tanbo	Oxidized Copper	Nickel or Brush Brass
Second Floor	6 1/8 8x10	3 5/8 x 10 5/8	3 x 10	8 inch	\$2.00	\$2.35	\$3.50	\$3.85
	6 1/8 8x12	3 5/8 x 12 5/8	3 x 12	9 inch	2.40	2.90	3.95	4.35
	6 1/8 9x12	3 5/8 x 12 5/8	3 x 12	9 inch	3.00	3.50	4.50	4.90
First Floor	6 1/8 8x10	6 1/8 x 10 5/8	5 1/2 x 10	8 inch	2.00	2.35	3.50	3.85
	6 1/8 8x12	6 1/8 x 12 5/8	5 1/2 x 12	9 inch	2.40	2.90	3.95	4.35
	6 1/8 9x12	6 1/8 x 12 5/8	5 1/2 x 12	9 inch	3.00	3.50	4.50	4.90
	7 1/8 8x12	7 1/8 x 12 5/8	6 1/2 x 12	10 inch	3.00	3.50	4.50	4.90
	7 1/8 9x12	7 1/8 x 12 5/8	6 1/2 x 12	10 inch	3.00	3.50	4.50	4.90
	7 1/8 10x12	7 1/8 x 12 5/8	6 1/2 x 12	10 inch	4.00	4.60	5.75	6.35
	7 1/8 11x13	7 1/8 x 13 5/8	6 1/2 x 13	10 inch	4.50	5.25	6.75	7.50
	9 1/8 11x13	9 1/8 x 13 5/8	8 1/2 x 13	12 inch	5.25	6.00	7.50	8.25
	9 1/8 12x14	9 1/8 x 14 5/8	8 1/2 x 14	12 inch	6.50	7.50	8.50	9.50

For sand finishes add 10% to above prices.

## Handy Double Fittings for Tuttle and Bailey Baseboard Registers

## LIST PRICES FITTINGS FOR No. 2 HEADS

Number	Size	Outside Size of Handy Double Pipe	Inside Size of Handy Double Pipe	Size of Collar in Boot	Head No. 2	Head No. 2 with Top Collar	Boots Nos. 10, 11, 12 and 18	Single Boot with Handy Double Slip	Angle No. 6	Elbow No. 16 or Special Boot Offset	2 inch Piece	4 inch Piece	6 inch Piece	9 inch Piece
Second Floor	6 1/8 8x10	3 5/8 x 10 5/8	3 x 10	8 inch	\$2.30									
	6 1/8 8x12	3 5/8 x 12 5/8	3 x 12	9 inch	2.40	See Prices of Wall Stack Fittings page 13.								
	6 1/8 9x12	3 5/8 x 12 5/8	3 x 12	9 inch	2.40									
First Floor	6 1/8 8x10	6 1/8 x 10 5/8	5 1/2 x 10	8 inch	2.30	\$2.75	\$2.30	\$1.70	\$1.20	\$1.60	\$ .70	\$ .85	\$1.05	\$1.20
	6 1/8 8x12	6 1/8 x 12 5/8	5 1/2 x 12	9 inch	2.40	2.90	2.40	1.80	1.30	1.70	.75	.90	1.15	1.30
	6 1/8 9x12	6 1/8 x 12 5/8	5 1/2 x 12	9 inch	2.40	2.90	2.40	1.80	1.30	1.70	.75	.90	1.15	1.30
	7 1/8 8x12	7 1/8 x 12 5/8	6 1/2 x 12	10 inch	2.65	3.20	2.60	1.95	1.45	1.80	.80	.95	1.20	1.50
	7 1/8 9x12	7 1/8 x 12 5/8	6 1/2 x 12	10 inch	2.65	3.20	2.60	1.95	1.45	1.80	.80	.95	1.20	1.50
	7 1/8 10x12	7 1/8 x 12 5/8	6 1/2 x 12	10 inch	2.65	3.20	2.60	1.95	1.45	1.80	.80	.95	1.20	1.50
	7 1/8 11x13	7 1/8 x 13 5/8	6 1/2 x 13	10 inch	2.75	3.30	2.70	2.05	1.50	1.90	.85	1.00	1.25	1.60
	9 1/8 11x13	9 1/8 x 13 5/8	8 1/2 x 13	12 inch	3.20	3.80	3.10	2.40	1.80	2.50	.95	1.15	1.45	1.75
	9 1/8 12x14	9 1/8 x 14 5/8	8 1/2 x 14	12 inch	3.30	3.95	3.20	2.50	2.05	2.65	1.00	1.20	1.50	1.85

## LIST PRICES FITTINGS FOR No. 3 DOUBLE HEADS

Number	Size	Outside Size of Handy Double Pipe	Inside Size of Handy Double Pipe	Size of Collar in Boot	Head No. 3	Head No. 3 with Top Collar	Boots Nos. 10, 11, 12 and 18	Single Boot with Handy Double Slip	Angle No. 6	Elbow No. 16 or Special Boot Offset	2 inch Piece	4 inch Piece	6 inch Piece	9 inch Piece
Second Floor	6 1/8 8x10	3 5/8 x 10 5/8	3x10	8 inch	\$2.75									
	6 1/8 8x12	3 5/8 x 12 5/8	3x12	9 inch	2.95	See Prices of Wall Stack Fittings page 13.								
	6 1/8 9x12	3 5/8 x 12 5/8	3x12	9 inch	2.95									
First Floor	6 1/8 8x10	8 5/8 x 10 5/8	8x10	9 or 10 in.	2.75	....	\$2.80	\$2.05	\$1.45	\$1.65	\$ .80	\$ .95	\$1.20	\$1.50
	6 1/8 8x12	8 5/8 x 12 5/8	8x12	10 inch	2.95	....	3.00	2.15	1.55	1.90	.90	1.05	1.30	1.65
	6 1/8 9x12	8 5/8 x 12 5/8	8x12	10 inch	2.95	....	3.00	2.15	1.55	1.90	.90	1.05	1.30	1.65
	7 1/8 8x12	10 5/8 x 12 5/8	10x12	12 inch	3.20	\$3.85	3.20	2.35	1.70	2.05	.95	1.15	1.50	1.75
	7 1/8 9x12	10 5/8 x 12 5/8	10x12	12 inch	3.20	3.85	3.20	2.35	1.70	2.05	.95	1.15	1.50	1.75
	7 1/8 10x12	10 5/8 x 12 5/8	10x12	12 inch	3.20	3.85	3.20	2.35	1.70	2.05	.95	1.15	1.50	1.75
	7 1/8 11x13	10 5/8 x 13 5/8	10x13	12 inch	3.40	4.10	3.40	2.40	1.80	2.15	1.05	1.25	1.55	1.85
	9 1/8 11x13	14 5/8 x 13 5/8	14x13	14 inch	3.85	4.60	4.20	3.10	2.20	2.75	1.25	1.75	1.95	2.15
	9 1/8 12x14	14 5/8 x 14 5/8	14x14	14 inch	4.10	4.90	4.40	3.15	2.40	2.90	1.30	1.80	2.00	2.25

Add 50c net for all heads made for partitions wider or narrower than regular.

## Single Fittings for Tuttle and Bailey Baseboard Registers

## LIST PRICES FITTINGS FOR No. 2-S HEADS

Number	Size	Size of Single Pipe	Size of Collar in Boot	Head No. 2-S	Head No. 2-S with Top Collar	Boots Nos. 5-S, 7-S, 13-S and 17-S	Angle No. 6-S	Elbow No. 16-S or Special Boot Offset
Second Floor	6 1/8	8x10	3 5/8 x10	8 inch	.85	See Prices of Wall Stack Fittings page 13.		
	6 1/8	8x12	3 5/8 x12	9 inch	.95			
	6 1/8	9x12	3 5/8 x12	9 inch	.95			
First Floor	6 1/8	8x10	6 1/8 x10	8 inch	.85	\$1.00	\$.95	\$.70
	6 1/8	8x12	6 1/8 x12	9 inch	.95	1.10	1.05	.80
	6 1/8	9x12	6 1/8 x12	9 inch	.95	1.10	1.05	.80
	7 1/8	8x12	7 1/8 x12	10 inch	1.00	1.20	1.15	.85
	7 1/8	9x12	7 1/8 x12	10 inch	1.00	1.20	1.15	.85
	7 1/8	10x12	7 1/8 x12	10 inch	1.00	1.20	1.15	.85
	7 1/8	11x13	7 1/8 x13	10 inch	1.10	1.30	1.20	.90
	9 1/8	11x13	9 1/8 x13	12 inch	1.30	1.55	1.40	1.10
	9 1/8	12x14	9 1/8 x14	12 inch	1.45	1.70	1.55	1.20
	9 1/8	12x14	9 1/8 x14	12 inch	1.45	1.70	1.55	1.20

## LIST PRICES FITTINGS FOR No. 3-S HEADS

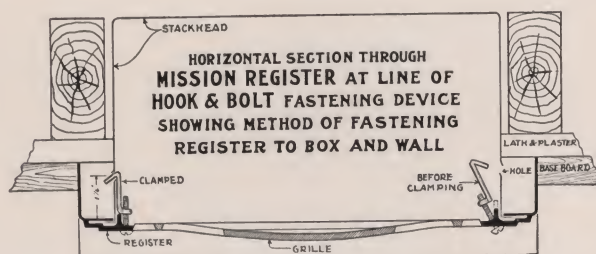
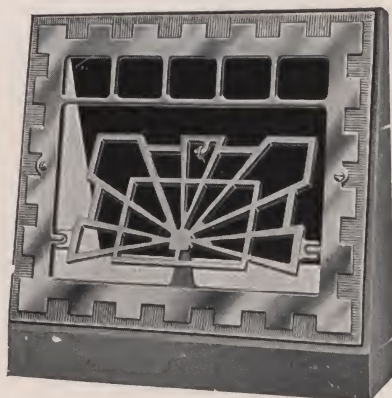
Number	Size	Size of Single Pipe	Size of Collar in Boot	Head No. 3-S	Head No. 3-S with Top Collar	Boots Nos. 5-S, 7-S, 13-S and 17-S	Angle No. 6-S	Elbow No. 16-S or Special Boot Offset
Second Floor	6 1/8	8x10	3 5/8 x10	8 inch	.95	See Prices of Wall Stack Fittings page 13.		
	6 1/8	8x12	3 5/8 x12	9 inch	1.05			
	6 1/8	9x12	3 5/8 x12	9 inch	1.05			
First Floor	6 1/8	8x10	8 5/8 x10	9 or 10 inch	1.10	....	\$1.20	\$.95
	6 1/8	8x12	8 5/8 x12	10 inch	1.20	\$1.45	1.30	1.05
	6 1/8	9x12	8 5/8 x12	10 inch	1.20	1.45	1.30	1.05
	7 1/8	8x12	10 5/8 x12	12 inch	1.25	1.50	1.35	1.15
	7 1/8	9x12	10 5/8 x12	12 inch	1.25	1.50	1.35	1.15
	7 1/8	10x12	10 5/8 x12	12 inch	1.25	1.50	1.35	1.15
	7 1/8	11x13	10 5/8 x13	12 inch	1.35	1.60	1.45	1.20
	9 1/8	11x13	14 5/8 x13	14 inch	1.80	2.15	1.90	1.40
	9 1/8	12x14	14 5/8 x14	14 inch	1.95	2.35	2.05	1.55
	9 1/8	12x14	14 5/8 x14	14 inch	1.95	2.35	2.05	1.55

Add 50c net for all heads made for partitions wider or narrower than regular.



## Symonds Mission Registers

## SYMONDS PATENT HOOK AND BOLT FASTENING DEVICE



Place the **Bolt** through the hole in register frame, then attach the **Hook**, by starting it a few threads, place the register in position with valve open, and connect **Hook** into the hole made in side of register box to receive the **Hook**. Screw the **Bolt** up until the register is drawn tight against the box and wall.

The Extension or Frame is so arranged that the Register Box or Head may be bent over the edges to prevent Striking the Walls.

## LIST PRICES

Number	Size	Outside Size of Handy Double Pipe	Inside Size of Handy Double Pipe	Size of Collar in Boot	Black Japanned	White Japanned or-Sy-Mo-Lac	Oxidized Copper, Nickel or Brush Brass
<b>Second Floor</b>	2311 8x10	3 $\frac{5}{8}$ x10 $\frac{5}{8}$	3x10	8 inch	\$2.00	\$2.60	\$3.20
	2331 8x12	3 $\frac{5}{8}$ x12 $\frac{5}{8}$	3x12	9 inch	2.20	2.90	3.40
	2291 9x12	3 $\frac{5}{8}$ x12 $\frac{5}{8}$	3x12	9 inch	2.40	3.00	3.70
<b>First Floor</b>	2313 8x10	6 $\frac{5}{8}$ x10 $\frac{5}{8}$	6x10	8 inch	2.25	2.75	3.80
	2333 8x12	6 $\frac{5}{8}$ x12 $\frac{5}{8}$	6x12	10 inch	2.60	3.20	4.20
	2293 9x12	6 $\frac{5}{8}$ x12 $\frac{5}{8}$	6x12	10 inch	2.75	3.60	4.50
	2343 10x12	6 $\frac{5}{8}$ x12 $\frac{5}{8}$	6x12	10 inch	2.90	3.85	4.80
	2413 10x14	6 $\frac{5}{8}$ x14 $\frac{5}{8}$	6x14	10 or 12 inch	3.90	5.00	6.10
	2345 10x12	8 $\frac{5}{8}$ x12 $\frac{5}{8}$	8x12	12 inch	3.90	4.70	5.50
	2415 10x14	8 $\frac{5}{8}$ x14 $\frac{5}{8}$	8x14	14 inch	4.85	5.80	6.80
	2375 12x12	8 $\frac{5}{8}$ x12 $\frac{5}{8}$	8x12	12 inch	4.95	5.90	6.90
	2425 12x14	8 $\frac{5}{8}$ x14 $\frac{5}{8}$	8x14	14 inch	6.00	7.20	8.45

For sand finishes add 10% to above prices.

## Handy Double Fittings for Symonds Mission Registers

## LIST PRICES FITTINGS FOR No. 2 HEADS

Number	Size	Outside Size of Handy Double Pipe	Inside Size of Handy Double Pipe	Size of Collar in Boot	Head No. 2	Head No. 2 with Top Collar	Boots Nos. 10, 11, 12 and 18	Single Boot with Handy Double Slip	Angle No. 6	Elbow No. 16 or Special Boot Offset	2 inch Piece	4 inch Piece	6 inch Piece	9 inch Piece
<b>Second Floor</b>	2311 8x10	3 $\frac{5}{8}$ x10 $\frac{5}{8}$	3x10	8 inch	\$2.30									
	2331 8x12	3 $\frac{5}{8}$ x12 $\frac{5}{8}$	3x12	9 inch	2.40									
	2291 9x12	3 $\frac{5}{8}$ x12 $\frac{5}{8}$	3x12	9 inch	2.40									
<b>First Floor</b>	2313 8x10	6 $\frac{5}{8}$ x10 $\frac{5}{8}$	6x10	8 inch	2.30	\$2.75	\$2.30	\$1.70	\$1.20	\$1.60	\$ .70	\$ .85	\$1.05	\$1.20
	2333 8x12	6 $\frac{5}{8}$ x12 $\frac{5}{8}$	6x12	10 inch	2.65	3.20	2.60	1.95	1.45	1.80	.80	.95	1.20	1.50
	2293 9x12	6 $\frac{5}{8}$ x12 $\frac{5}{8}$	6x12	10 inch	2.65	3.20	2.60	1.95	1.45	1.80	.80	.95	1.20	1.50
	2343 10x12	6 $\frac{5}{8}$ x12 $\frac{5}{8}$	6x12	10 inch	2.65	3.20	2.60	1.95	1.45	1.80	.80	.95	1.20	1.50
	2413 10x14	6 $\frac{5}{8}$ x14 $\frac{5}{8}$	6x14	10 or 12 in.	2.75	3.30	2.70	2.05	1.50	1.90	.85	1.00	1.25	1.60
	2345 10x12	8 $\frac{5}{8}$ x12 $\frac{5}{8}$	8x12	12 inch	3.10	3.70	3.00	2.30	1.70	2.40	.90	1.10	1.35	1.70
	2415 10x14	8 $\frac{5}{8}$ x14 $\frac{5}{8}$	8x14	14 inch	3.30	3.95	3.20	2.50	2.05	2.65	1.00	1.20	1.50	1.85
	2375 12x12	8 $\frac{5}{8}$ x12 $\frac{5}{8}$	8x12	12 inch	3.10	3.70	3.00	2.30	1.70	2.40	.90	1.10	1.35	1.70
	2425 12x14	8 $\frac{5}{8}$ x14 $\frac{5}{8}$	8x14	14 inch	3.30	3.95	3.20	2.50	2.05	2.65	1.00	1.20	1.50	1.85

Add 50c net for all heads made for partitions wider or narrower than regular.

## Handy Double Fittings for Symonds Mission Registers

### LIST PRICES FITTINGS FOR No. 3 DOUBLE HEADS

Number	Size	Outside Size of Handy Double Pipe	Inside Size of Handy Double Pipe	Size of Collar in Boot	Head No. 3	Head No. 3 with Top Collar	Boots Nos. 10, 11, 12 and 18	Single Boot with Handy Double Slip	Angle No. 6	Elbow No. 16 or Special Boot Offset	2 inch Piece	4 inch Piece	6 inch Piece	9 inch Piece	
Second Floor	2311	8x10	3 $\frac{5}{8}$ x10 $\frac{5}{8}$	3x10	8 inch	\$2.75	See Prices of Wall Stack Fittings page 13.								
	2331	8x12	3 $\frac{5}{8}$ x12 $\frac{5}{8}$	3x12	9 inch	2.95									
	2291	9x12	3 $\frac{5}{8}$ x12 $\frac{5}{8}$	3x12	9 inch	2.95									
First Floor	2313	8x10	9 $\frac{5}{8}$ x10 $\frac{5}{8}$	9x10	9 inch	2.75	....	\$2.80	\$2.05	\$1.45	\$1.65	\$ .80	\$ .95	\$1.20	\$1.50
	2333	8x12	9 $\frac{5}{8}$ x12 $\frac{5}{8}$	9x12	12 inch	3.20	\$3.85	3.20	2.35	1.70	2.05	.95	1.15	1.50	1.75
	2293	9x12	9 $\frac{5}{8}$ x12 $\frac{5}{8}$	9x12	12 inch	3.20	3.85	3.20	2.35	1.70	2.05	.95	1.15	1.50	1.75
	2343	10x12	9 $\frac{5}{8}$ x12 $\frac{5}{8}$	9x12	12 inch	3.20	3.85	3.20	2.35	1.70	2.05	.95	1.15	1.50	1.75
	2413	10x14	9 $\frac{5}{8}$ x14 $\frac{5}{8}$	9x14	12 or 14 in.	3.40	4.10	3.40	2.40	1.80	2.15	1.05	1.25	1.55	1.85
	2345	10x12	13 $\frac{5}{8}$ x12 $\frac{5}{8}$	13x12	12 or 14 in.	3.65	4.40	4.00	3.00	2.05	2.65	1.20	1.70	1.90	2.10
	2415	10x14	13 $\frac{5}{8}$ x14 $\frac{5}{8}$	13x14	14 inch	4.10	4.90	4.40	3.15	2.40	2.90	1.30	1.80	2.00	2.25
	2375	12x12	13 $\frac{5}{8}$ x12 $\frac{5}{8}$	13x12	12 or 14 in.	3.65	4.40	4.00	3.00	2.05	2.65	1.20	1.70	1.90	2.10
	2425	12x14	13 $\frac{5}{8}$ x14 $\frac{5}{8}$	13x14	14 inch	4.10	4.90	4.40	3.15	2.40	2.90	1.30	1.80	2.00	2.25

## Single Fittings for Symonds Mission Registers

### LIST PRICES FITTINGS FOR No. 2-S HEADS

Number	Size	Size of Single Pipe	Size of Collar in Boot	Head No. 2-S	Head No. 2-S with Top Collar	Boots Nos. 5-S, 7-S, 13-S and 17-S	Angle No. 6-S	Elbow No. 16-S or Special Boot Offset
<b>Second Floor</b>	2311	8x10	3 $\frac{5}{8}$ x10	8 inch	\$ .85	See Prices of Wall Stack Fittings page 13.		
	2331	8x12	3 $\frac{5}{8}$ x12	9 inch	.95			
	2291	9x12	3 $\frac{5}{8}$ x12	9 inch	.95			
<b>First Floor</b>	2313	8x10	6 $\frac{5}{8}$ x10	8 inch	.85	\$1.00	\$ .95	\$ .70
	2333	8x12	6 $\frac{5}{8}$ x12	10 inch	1.00	1.20	1.15	.85
	2293	9x12	6 $\frac{5}{8}$ x12	10 inch	1.00	1.20	1.15	.85
	2343	10x12	6 $\frac{5}{8}$ x12	10 inch	1.00	1.20	1.15	.85
	2413	10x14	6 $\frac{5}{8}$ x14	10 or 12 inch	1.10	1.30	1.20	.90
	2345	10x12	8 $\frac{5}{8}$ x12	12 inch	1.20	1.45	1.30	1.00
	2415	10x14	8 $\frac{5}{8}$ x14	14 inch	1.45	1.70	1.55	1.20
	2375	12x12	8 $\frac{5}{8}$ x12	12 inch	1.20	1.45	1.30	1.00
	2425	12x14	8 $\frac{5}{8}$ x14	14 inch	1.45	1.70	1.55	1.20

### LIST PRICES FITTINGS FOR No. 3-S HEADS

Number	Size	Size of Single Pipe	Size of Collar in Boot	Head No. 3-S	Head No. 3-S with Top Collar	Boots Nos. 5-S, 7-S, 13-S and 17-S	Angle No. 6-S	Elbow No. 16-S or Special Boot Offset
<b>Second Floor</b>	2311	8x10	3 $\frac{5}{8}$ x10	8 inch	\$ .95	See Prices of Wall Stack Fittings page 13.		
	2331	8x12	3 $\frac{5}{8}$ x12	9 inch	1.05			
	2291	9x12	3 $\frac{5}{8}$ x12	9 inch	1.05			
<b>First Floor</b>	2313	8x10	9 $\frac{5}{8}$ x10	9 inch	1.10	\$1.20	\$ .70	\$ .95
	2333	8x12	9 $\frac{5}{8}$ x12	12 inch	1.25	1.35	.85	1.15
	2293	9x12	9 $\frac{5}{8}$ x12	12 inch	1.25	1.50	1.35	1.15
	2343	10x12	9 $\frac{5}{8}$ x12	12 inch	1.25	1.50	.85	1.15
	2413	10x14	9 $\frac{5}{8}$ x14	12 or 14 inch	1.35	1.60	1.45	1.20
	2345	10x12	13 $\frac{5}{8}$ x12	12 or 14 inch	1.70	2.05	1.80	1.30
	2415	10x14	13 $\frac{5}{8}$ x14	14 inch	1.95	2.35	2.05	1.55
	2375	12x12	13 $\frac{5}{8}$ x12	12 or 14 inch	1.70	2.05	1.80	1.30
	2425	12x14	13 $\frac{5}{8}$ x14	14 inch	1.95	2.35	2.05	1.55

Add 50c net for all heads made for partitions wider or narrower than regular.



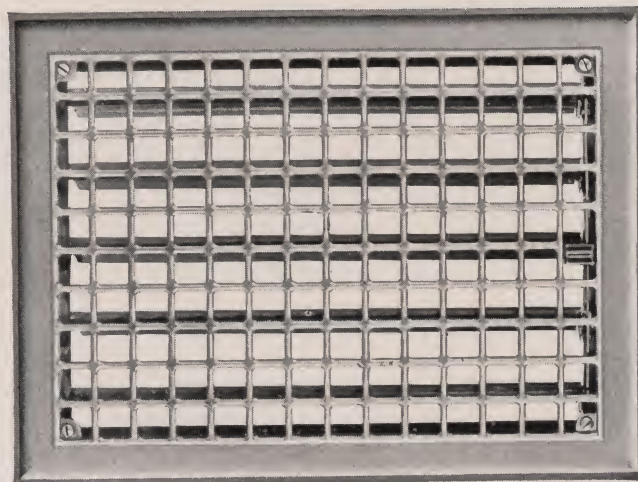
Different styles of register heads for which fittings are interchangeable, and approximate shipping weight of head, boot, or angle, not crated, based on one hundred (100) each.

WEIGHT			Outside Size of Double Pipe No. 2 Head Inside size is $\frac{5}{8}$ In. Smaller	WEIGHT			Outside Size of Double Pipe No. 3 Head Inside size is $\frac{5}{8}$ In. Smaller
Head	Boot	Angle		Head	Boot	Angle	
Lbs.	Lbs.	Lbs.		Lbs.	Lbs.	Lbs.	
260	225	150	6 $\frac{1}{8}$ x10 $\frac{5}{8}$ No. 208 No Streak No. 208 Out O' Wall No. 050 Vol-Yum No. 50 Island City 8x10 H. & C. 112 $\frac{1}{4}$ , 152 $\frac{1}{4}$ , 162 $\frac{1}{4}$ , 172 $\frac{1}{4}$ , 192 $\frac{1}{4}$ No. 853 $\frac{1}{2}$ Jones National No. 53 $\frac{1}{2}$ National 8x10 T. & B. 6 $\frac{1}{8}$	250	250	200	8 $\frac{5}{8}$ x10 $\frac{5}{8}$ No. 216 No Streak No. 050 Vol-Yum No. 50 Island City 8x10 H. & C. 112 $\frac{1}{4}$ , 152 $\frac{1}{4}$ , 162 $\frac{1}{4}$ , 172 $\frac{1}{4}$ , 192 $\frac{1}{4}$ No. 2-853 $\frac{1}{2}$ Jones National No. 53 $\frac{1}{2}$ National 8x10 T. & B. 6 $\frac{1}{8}$
300	250	175	6 $\frac{1}{8}$ x12 $\frac{5}{8}$ No. 209 No Streak No. 209 Out O' Wall No. 063 Vol-Yum No. 62 and No. 63 Island City 8x12 and 9x12 H. & C. 112 $\frac{1}{4}$ , 152 $\frac{1}{4}$ , 162 $\frac{1}{4}$ , 172 $\frac{1}{4}$ , 192 $\frac{1}{4}$ No. 852 $\frac{1}{2}$ and No. 854 $\frac{1}{2}$ Jones National No. 52 $\frac{1}{2}$ and No. 54 $\frac{1}{2}$ National 8x12 and 9x12 T. & B. 6 $\frac{1}{8}$	360	275	215	8 $\frac{5}{8}$ x12 $\frac{5}{8}$ No. 218 No Streak No. 063 Vol-Yum No. 62 and No. 63 Island City 8x12 and 9x12 H. & C. 112 $\frac{1}{4}$ , 152 $\frac{1}{4}$ , 162 $\frac{1}{4}$ , 172 $\frac{1}{4}$ , 192 $\frac{1}{4}$ No. 2-852 $\frac{1}{2}$ and No. 2-854 $\frac{1}{2}$ Jones National No. 52 $\frac{1}{2}$ and No. 54 $\frac{1}{2}$ National 8x12 and 9x12 T. & B. 6 $\frac{1}{8}$
325	250	175	6 $\frac{5}{8}$ x12 $\frac{5}{8}$ No. 2333, No. 2293 and No. 2343 Symonds	350	300	240	9 $\frac{5}{8}$ x12 $\frac{5}{8}$ No. 2333, No. 2293 and No. 2343 Symonds
325	225	180	7 $\frac{1}{8}$ x12 $\frac{5}{8}$ No. 210 No Streak No. 210 Out O' Wall No. 077 and No. 078 Vol-Yum No. 76, No. 77 and No. 78 Island City 8x12 H. & C. 113 $\frac{1}{4}$ , 173 $\frac{1}{4}$ , 193 $\frac{1}{4}$ 10x12 H. & C. 113 $\frac{1}{4}$ , 153 $\frac{1}{4}$ , 163 $\frac{1}{4}$ , 173 $\frac{1}{4}$ , 193 $\frac{1}{4}$ No. 855, No. 852 $\frac{1}{4}$ , No. 854 $\frac{1}{4}$ and No. 855 $\frac{1}{4}$ Jones National No. 55, No. 52 $\frac{1}{4}$ , No. 54 $\frac{1}{4}$ and No. 55 $\frac{1}{4}$ National 8x12, 9x12 and 10x12 T. & B. 7 $\frac{1}{8}$	340	310	270	10 $\frac{5}{8}$ x12 $\frac{5}{8}$ No. 220 No Streak No. 077 and No. 078 Vol-Yum No. 76, 77 and 78 Island City 8x12 H. & C. 113 $\frac{1}{4}$ , 173 $\frac{1}{4}$ , 193 $\frac{1}{4}$ 10x12 H. & C. 113 $\frac{1}{4}$ , 153 $\frac{1}{4}$ , 163 $\frac{1}{4}$ , 173 $\frac{1}{4}$ , 193 $\frac{1}{4}$ No. 2-855, No. 2-852 $\frac{1}{4}$ , No. 2-854 $\frac{1}{4}$ and No. 2-855 $\frac{1}{4}$ Jones National No. 55, No. 52 $\frac{1}{4}$ , No. 54 $\frac{1}{4}$ , and No. 55 $\frac{1}{4}$ National 8x12, 9x12 and 10x12 T. & B. 7 $\frac{1}{8}$
340	325	200	7 $\frac{1}{8}$ x13 $\frac{5}{8}$ No. 112 Island City 10x12 H. & C. 113 $\frac{1}{4}$ , 173 $\frac{1}{4}$ and 193 $\frac{1}{4}$ 11x13 H. & C. 113 $\frac{1}{4}$ , 153 $\frac{1}{4}$ , 163 $\frac{1}{4}$ , 173 $\frac{1}{4}$ , 193 $\frac{1}{4}$ No. 856 Jones National No. 56 National 11x13 T. & B. 7 $\frac{1}{8}$	350	350	300	10 $\frac{5}{8}$ x13 $\frac{5}{8}$ No. 112 Island City 10x13 H. & C. 113 $\frac{1}{4}$ , 173 $\frac{1}{4}$ and 193 $\frac{1}{4}$ 11x13 H. & C. 113 $\frac{1}{4}$ , 153 $\frac{1}{4}$ , 163 $\frac{1}{4}$ , 173 $\frac{1}{4}$ , 193 $\frac{1}{4}$ No. 2-856 Jones National No. 56 National 11x13 T. & B. 7 $\frac{1}{8}$
360	275	215	8 $\frac{5}{8}$ x12 $\frac{5}{8}$ No. 2345 and No. 2375 Symonds	375	425	355	13 $\frac{5}{8}$ x12 $\frac{5}{8}$ No. 2345 and No. 2375 Symonds
390	315	235	8 $\frac{5}{8}$ x13 $\frac{5}{8}$ 10x13 H. & C. 114 $\frac{3}{4}$ , 174 $\frac{3}{4}$ , 194 $\frac{3}{4}$	415	460	380	13 $\frac{5}{8}$ x13 $\frac{5}{8}$ 10x13 H. & C. 114 $\frac{3}{4}$ , 174 $\frac{3}{4}$ , 194 $\frac{3}{4}$
425	350	250	8 $\frac{5}{8}$ x14 $\frac{5}{8}$ No. 2415 and No. 2425 Symonds	420	490	400	13 $\frac{5}{8}$ x14 $\frac{5}{8}$ No. 2415 and No. 2425 Symonds
400	300	245	9 $\frac{1}{8}$ x13 $\frac{5}{8}$ No. 212 No Streak No. 212 Out O' Wall No. 0112 and No. 0113 Vol-Yum No. 113 and No. 153 Island City 11x13 H. & C. 115 $\frac{1}{4}$ , 155 $\frac{1}{4}$ , 165 $\frac{1}{4}$ , 175 $\frac{1}{4}$ , 195 $\frac{1}{4}$ No. 8556 Jones National No. 556 National 11x13 T. & B. 9 $\frac{1}{8}$	425	485	400	14 $\frac{5}{8}$ x13 $\frac{5}{8}$ No. 224 No Streak No. 0112 and No. 0113 Vol-Yum No. 113 and No. 153 Island City 11x13 H. & C. 115 $\frac{1}{4}$ , 155 $\frac{1}{4}$ , 165 $\frac{1}{4}$ , 175 $\frac{1}{4}$ , 195 $\frac{1}{4}$ No. 2-8556 Jones National No. 556 National 11x13 T. & B. 9 $\frac{1}{8}$
425	370	270	9 $\frac{1}{8}$ x14 $\frac{5}{8}$ 12x14 H. & C. 115 $\frac{1}{4}$ , 155 $\frac{1}{4}$ , 165 $\frac{1}{4}$ , 175 $\frac{1}{4}$ , 195 $\frac{1}{4}$ No. 8557 Jones National No. 557 National 12x14 T. & B. 9 $\frac{1}{8}$	440	550	450	14 $\frac{5}{8}$ x14 $\frac{5}{8}$ 12x14 H. & C. 115 $\frac{1}{4}$ , 155 $\frac{1}{4}$ , 165 $\frac{1}{4}$ , 175 $\frac{1}{4}$ , 195 $\frac{1}{4}$ No. 2-8557 Jones National No. 557 National 12x14 T. & B. 9 $\frac{1}{8}$
450	400	285	11 $\frac{3}{8}$ x14 $\frac{5}{8}$ No. 214 No Streak No. 214 Out O' Wall No. 0154 Vol-Yum No. 154 Island City 12x14 H. & C. 117 $\frac{1}{2}$ and 177 $\frac{1}{2}$	475	590	485	19 $\frac{1}{8}$ x14 $\frac{5}{8}$ No. 228 No Streak No. 0154 Vol-Yum No. 154 Island City 12x14 H. & C. 117 $\frac{1}{2}$ and 177 $\frac{1}{2}$



## Registers, Faces and Borders

### Both Cast Iron and Steel



### LIST PRICES

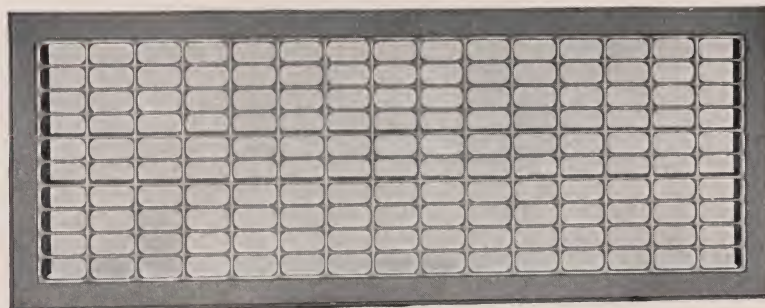
Size of Opening	Black Japanned			White Japanned Oak or Lab		Oxidized Copper			Nickel or Brush Brass		
	Reg-ister	Reg-ister Face	Floor Border	Reg-ister	Register Face	Reg-ister	Reg-ister Face	Floor Border	Reg-ister	Reg-ister Face	Floor Border
4x 6	\$ 1.40	\$ .55	\$ 1.15	\$ 1.70	\$ .85	\$ 2.00	\$ 1.15	\$ 1.75	\$ 2.20	\$ 1.35	\$ 2.10
4x10	1.55	.75	1.15	1.90	1.10	2.40	1.60	2.00	2.60	1.80	2.40
4x12	1.80	.95	1.35	2.20	1.35	2.80	2.15	2.55	3.10	2.45	3.00
5x10	1.60	1.05	1.20	1.95	1.40	2.95	2.40	2.55	3.25	2.70	3.25
5x12	1.80	1.20	1.40	2.25	1.60	3.45	2.85	3.00	3.90	3.30	3.75
5x15	3.60	1.65	2.00	4.30	2.35	5.60	3.65	4.00	6.10	4.15	4.90
6x 8	1.55	1.00	1.15	1.85	1.30	2.80	2.25	2.40	3.10	2.50	3.00
6x10	1.60	1.05	1.20	1.95	1.40	3.00	2.45	2.60	3.50	2.95	3.60
6x12	1.85	1.25	1.45	2.25	1.60	3.50	2.90	3.10	4.20	3.60	4.10
6x16	4.00	2.00	2.70	4.80	2.80	6.00	4.00	4.70	6.90	4.90	6.10
6x24	8.00	3.70	4.50	9.60	5.30	12.00	7.00	7.50	13.30	8.30	9.30
8x10	1.65	1.10	1.25	2.00	1.45	3.15	2.60	2.75	3.85	3.30	3.90
8x12	1.90	1.30	1.50	2.30	1.70	3.65	3.05	3.25	4.40	3.75	4.40
9x12	2.10	1.45	1.65	2.55	1.90	4.00	3.35	3.55	5.10	4.45	5.00
10x12	2.40	1.70	1.75	2.90	2.20	4.40	3.70	3.75	5.50	4.80	5.35
10x14	3.15	2.20	2.20	3.80	2.85	5.25	4.30	4.30	6.55	5.60	6.00
12x12	4.00	2.70	2.70	4.80	3.50	6.35	5.05	5.05	7.90	6.60	7.10
12x14	4.35	2.80	2.80	5.25	3.65	6.85	5.35	5.35	8.25	6.75	7.35
12x15	4.50	2.90	2.90	5.40	3.80	7.00	5.40	5.40	8.50	6.90	7.60
12x16	5.60	3.50	3.50	6.70	4.60	8.25	6.15	6.15	9.75	7.65	8.25
14x16	8.50	4.30	4.30	10.20	6.00	11.50	7.30	7.30	16.50	11.00	11.00
14x18	9.00	4.50	4.50	10.80	6.30	12.00	7.50	7.50	18.50	12.00	12.15
14x20	9.50	4.80	4.80	11.25	6.40	13.00	8.50	8.50	20.50	13.00	12.75
14x22	10.50	5.00	5.00	12.00	6.50	14.50	9.00	9.00	22.50	14.50	13.50
16x18	12.00	5.30	5.30	13.20	6.50	16.20	9.50	9.50	22.25	14.25	13.25
16x20	12.35	6.10	6.10	13.60	7.35	16.55	10.30	10.30	24.60	16.00	14.00
16x24	15.00	7.00	7.00	16.50	8.50	20.00	12.00	12.00	29.60	19.25	17.10
18x21	20.50	7.75	7.75	22.55	9.80	26.00	13.25	13.25	30.00	19.00	18.00
18x24	21.50	8.35	8.35	23.65	10.50	27.75	14.60	14.60	34.25	22.50	18.75
20x20	19.75	8.00	8.00	21.75	10.00	24.75	13.00	13.00	32.40	21.80	18.10
20x24	22.00	8.60	8.60	24.20	10.80	28.20	14.80	14.80	39.00	25.50	21.70
20x30	33.50	11.60	13.50	36.85	16.85	43.00	23.50	23.50	49.00	32.50	26.00
24x24	30.00	12.00	12.00	33.00	15.00	40.00	22.00	22.00	49.00	32.50	26.00
24x30	38.00	17.25	17.25	41.80	21.05	50.00	29.25	28.25	62.00	41.50	32.00
28x28	44.00	19.00	19.00	48.40	23.40	57.50	32.50	31.00	72.00	49.00	36.40
30x30	49.00	21.50	21.50	53.90	26.40	65.00	37.00	34.00	85.00	56.00	41.00
30x36	67.50	28.50	28.50	74.25	35.25	90.00	51.00	41.00	102.00	70.00	48.00
36x36	80.00	35.00	29.50	88.00	43.00	105.00	60.00	54.50	127.00	83.00	66.00
38x42	120.00	50.00	36.00	132.00	62.00	155.00	85.00	71.00	160.00	100.00	83.50

For sand finishes add 10% to the above prices.

Although not carried in our stock, we can furnish ANY size register, face, and border manufactured. Shipment will be made direct from factory.



## Steel Cold Air Face



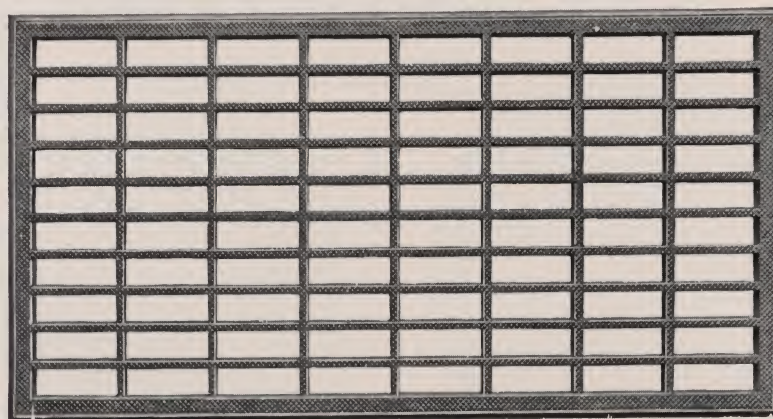
This Cold Air Face is made in oblong hole pattern to facilitate the free flow of return air to the furnace. Large air capacity is afforded.

## LIST PRICES

Sizes	Air Capacity Square Inches	Pipe Inches	Pipe Capacity	Black Japanned	Oak Finish	Oxidized Copper	Nickel or Brush Brass
12x14	126	12	113	\$ 2.50	\$ 3.00	\$ 4.50	\$ 5.00
8x30	180	14	154	3.60	3.85	5.50	7.50
10x24	180	14	154	3.60	3.75	5.00	6.50
10x30	225	16	201	3.75	4.25	5.75	8.50
12x24	216	16	201	3.75	4.00	5.50	8.00
12x30	270	18	254	4.00	4.50	6.00	9.00
14x30	313	20	314	4.50	5.00	9.00	11.00
16x30	360	20	314	5.50	6.00	9.50	11.25
18x30	405	22	380	5.75	6.50	10.00	11.50
20x30	450	24	452	6.00	7.00	10.50	12.00
24x30	540	26	530	9.50	10.00	15.00	20.00

For sand finishes, add 10% to above prices.

## Cast Iron Pebble Cold Air Face

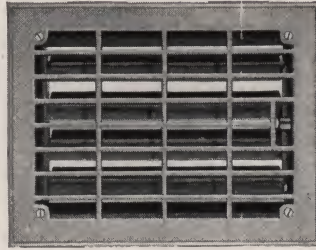


## LIST PRICES

Size	Pipe Inches	Black Japanned	Lacquered Dull Bronze (L.A.5)
12x14	12	\$2.50	\$3.00
8x30	14	3.60	3.85
12x18	14	3.15	3.35
10x30	16	3.75	4.25
12x24	16	3.75	4.00
12x30	18	4.00	4.50
16x24	18	4.50	5.00
14x30	20	4.50	5.00
18x24	20	5.40	5.85
16x30	20	5.50	6.00
20x24	20	5.60	6.15
18x30	22	5.75	6.50
20x30	24	6.00	7.00
24x30	26	9.50	10.00

## Pebble Floor Register

Cast Iron Face and Steel Body



### LIST PRICES

Size	Black Japanned	Lacquered Dull Bronze (L.A. 5)
8x10	\$1.65	\$ 2.00
8x12	1.90	2.30
9x12	2.10	2.55
10x12	2.40	2.90
10x14	3.15	3.80
12x14	4.35	5.25
12x15	4.50	5.40
14x16	8.50	10.20

## Ventilating Attachments



Side Wall Pulley



Ceiling Pulley



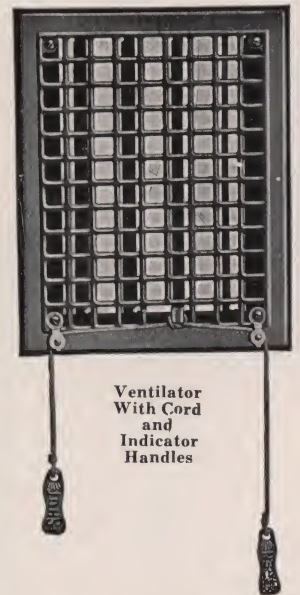
Indicator Handles

Any floor register when placed out of reach from the floor, either in the sidewall or ceiling, can be operated by cord or chain. The extreme shallowness and lightness of these registers make them especially adaptable for this purpose.

Operating slide of every floor register has hole through which cord or chain can be passed.

Register pulleys are made in large and small sizes. Large sizes are used on registers 14x14 and over.

In ordering, state whether sidewall or ceiling, large or small pulleys are required.



Ventilator  
With Cord  
and  
Indicator  
Handles



REGISTER CHAIN

### LIST PRICES

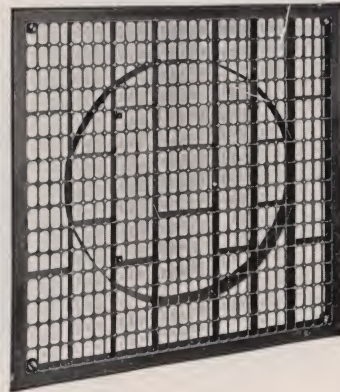
Electroplated Indicator Handles.....	\$ .80 Per Pair
Small Register Pulleys.....	.60 Per Pair
Large Register Pulleys.....	1.10 Per Pair
Galvanized Chain.....	.05 Per Foot
Nickel Plated Chain.....	.08 Per Foot
Register Cord.....	.02 Per Foot



REGISTER CORD  
16 yards per Hank



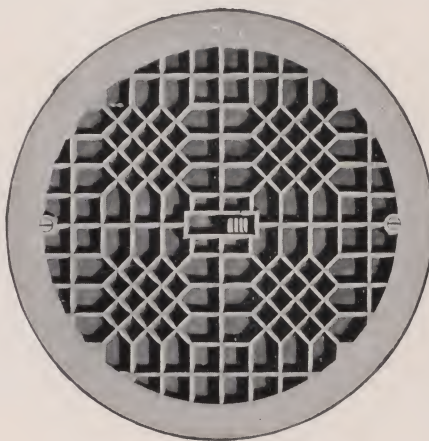
## Duplex Faces for One-Pipe Furnaces



## LIST PRICES

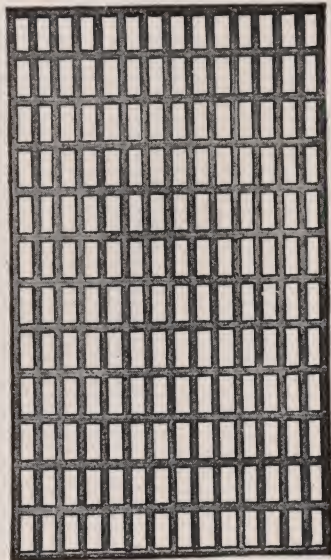
Size	Size Collar	Black Jappanned	Oxidized Copper
20x22	14 inch	\$22.00	\$27.00
22x24	16 inch	25.00	30.50
24x28	18 inch	30.00	36.00
28x28	20 inch	37.00	43.00
30x30	22 inch	39.00	45.00
30x36	24 inch	43.50	52.00
32x32	24 inch	42.00	50.00
34x34	26 inch	44.00	52.50
36x36	28 inch	52.00	61.00
40x40	30 inch	68.50	80.00
44x44	34 inch	86.00	100.00
44x48	36 inch	90.00	105.00

## Round Registers, Faces and Borders

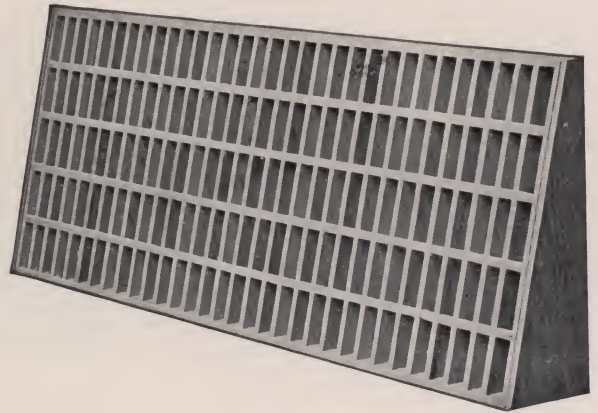
BLACK JAPPANNED  
LIST PRICES

Size Opening	Register	Face	Border
20 inch	\$19.75	\$ 8.00	\$ 8.00
24 inch	30.00	12.00	12.00
28 inch	44.00	19.00	19.00
30 inch	49.00	21.50	21.50
36 inch	80.00	35.00	29.50

## WOOD FACES



Floor



Side Wall

## LIST PRICES ON FLOOR WOOD FACES

Size	List Price	Area of Air Space in Square Inches	Nearest Size of Round Pipe of Equivalent Area
12x20	\$1.66	127	12 inch
12x24	2.00	152	14 inch
12x30	2.50	197	16 inch
14x20	1.94	148	18 inch
14x24	2.33	178	14 inch
14x30	2.92	222	16 inch
16x20	2.22	170	14 inch
16x24	2.67	203	16 inch
16x30	3.34	254	18 inch
18x24	3.00	229	16 inch
18x30	3.75	286	18 inch
20x20	2.78	212	16 inch
20x24	3.33	254	18 inch
20x26	3.61	275	18 inch
20x30	4.17	318	20 inch
24x24	4.00	305	20 inch
24x26	4.33	331	20 inch
24x30	5.00	381	22 inch
28x28	5.44	415	22 inch
30x30	6.25	477	24 inch
36x20	5.00	381	22 inch
36x24	6.00	458	24 inch
36x30	7.50	572	26 inch
36x36	9.00	687	30 inch
72x12	6.00	458	
72x14	7.00	534	
72x16	8.00	610	
72x18	9.00	687	
72x20	10.00	763	
72x24	12.00	916	
72x30	15.00	1145	
72x36	18.00	1374	

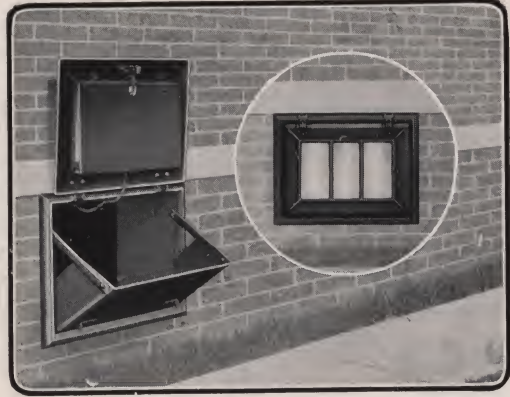
## LIST PRICES ON SIDE WALL WOOD FACES

Size	Base	Pipe Area	List Price
12x16	4½ inch	12 inch	\$2.00
14x16	5½ inch	14 inch	2.50
12x32	4½ inch	16 inch	4.50
14x32	5½ inch	18 inch	5.50
16x32	6½ inch	20 inch	7.00

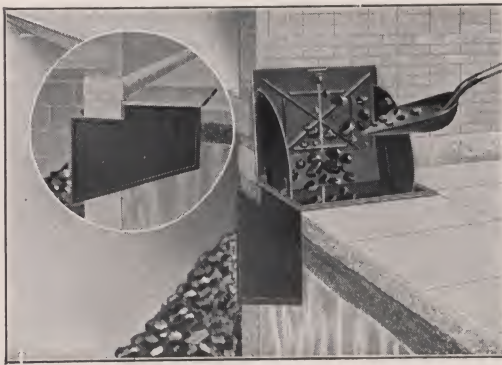


## Majestic Coal Windows

Majestic Coal Windows are the last word in coal window construction. All frames and hinges are of **Certified Malleable Iron**—guaranteed break-proof! The doors are of heavy, pressed steel, **electro-galvanized—break-proof—rust-proof**. The bodies are of Keystone Copper Steel re-inforced with angle-iron. A break-proof construction throughout. Equipped with chain to gravity latch.



No.	Style	Rough Wall Opening			Shipping Weight	Description	List Price
		Wide	High	Deep			
M500		23	17	9	35 lbs.	Solid Door—No Hopper	\$ 9.00
M600		23	17	9	41 lbs.	Glass Panel Door—No Hopper	12.45
M 10	A	23	17	12	59 lbs.	Glass Panel Door With Hopper	15.00
M 20	A	32	22	17	115 lbs.	Glass Panel Door With Hopper	27.00
M101	B	23	17	12	51 lbs.	Solid Door—With Hopper	12.00
M203	B	32	22	17	105 lbs.	Solid Door—With Hopper	24.00



## Majestic Grade Line Coal Chutes

The Majestic Grade Line Coal Chute is designed for buildings with low foundations. Like all Majestics, it is made of Certified Malleable Iron and Keystone Copper Steel. The door is of Malleable Iron with anti-slip surface. Supplied in two sizes.

No.	Door Opening	Wall Opening	Shipping Weight	List Price
M16	23 1/4 x 18 1/4	25x25	135 lbs.	\$33.00
M18	29 x 24	31x31	200 lbs.	48.00

## Majestic Underground Garbage Receivers

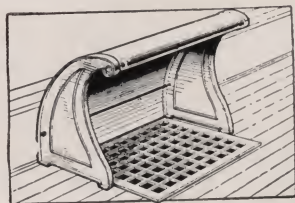
The Majestic Underground Garbage Receiver consists of a cast iron top and a Keystone Copper Steel shell guaranteed not to break or rust out for ten years. Comes complete with galvanized garbage can—either a Majestic corrugated can or an extra heavy Witt corrugated can. The top, as shown in the illustration, consists of a ring, lid and foot lever. A light pressure on the lever lifts the lid. Made in sizes from 5 to 20 gallons capacity.



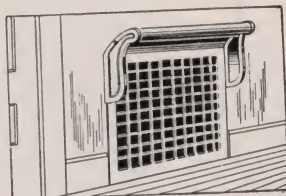
	Shell Diameter	Shell Depth	Can Capacity	Weight with Plain Can	Weight with Witt Can	List Price with Plain Can	List Price with Witt Can
5	13 inch	15 inch	5 gals.	31 lbs.	35 lbs.	\$ 7.80	\$ 8.70
8	15 inch	14 inch	8 gals.	48 lbs.	53 lbs.	9.90	11.10
12	15 inch	20 inch	12 gals.	54 lbs.	60 lbs.	10.80	12.60
15	15 inch	25 inch	15 gals.	60 lbs.	66 lbs.	11.40	15.90
20	19 inch	26 inch	20 gals.	92 lbs.	99 lbs.	14.70	19.90



## Bomar Register Shields



For the Floor

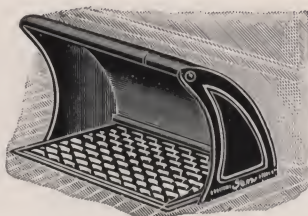


For the Wall

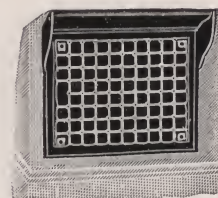
## LIST PRICES

Aluminum Floor or Wall with steel ends  
10" to 18".....\$3.00  
Oxidized Copper Floor or Wall with steel  
ends 10" to 18".....\$3.50  
Cast ends list \$.50 extra. Larger than 18"  
\$.20 per inch extra.

## Gem Adjustable Register Shields



For the Floor

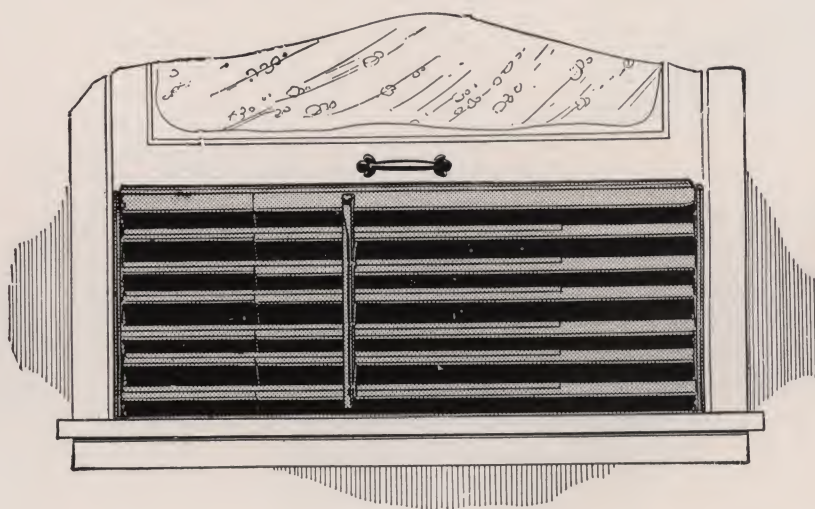


For the Wall

## LIST PRICES

Oxidized Copper Floor.....\$2.40  
Oxidized Copper Wall.....\$1.20

## Prairie Window Ventilators



Fresh Air the Year 'Round. As Much or as Little as You Like.

Easily Installed. Simple and Durable. Absolutely Storm and Draft Proof.

## LIST PRICES

8-36, 8 inches high, adjustable 22 to 36 inches in width.....\$5.00  
12-36, 12 inches high, adjustable 22 to 36 inches in width..... 8.00  
12-50, 12 inches high, adjustable 30 to 50 inches in width.....11.00



## TEMPERATURE CONTROLS

**JEWELL "JUNIOR" IS A COMPLETE CLOCK-TYPE TEMPERATURE REGULATOR,  
AT A LOW PRICE!**

### Jewell Junior Thermostat

Steadily maintains any fuel-saving temperature desired, from 55 to 70 degrees, all through the night, but automatically restores the day-temperature setting at any time desired in the morning, while the householder may still sleep. Early morning trips to the basement are unnecessary. Clock must be wound each evening before going to bed. Winding the "alarm" automatically moves the indicator to the night temperature setting.



### Jewell Junior Motor

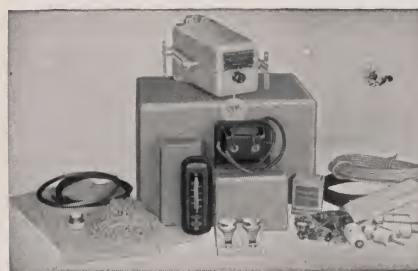
This simple gravity motor has proved its reliability during seventeen years of service in thousands of homes. While in the basement anyway tending furnace its red weight can be pulled up in two seconds. That's all the attention it needs.

The Jewell Junior Regulator comprises Thermostat and Motor, complete with all fittings to install, and will only be sold in its original package. Its component units will not be sold separately.



Model Number	Description of Thermostat and Motor Combinations	Shipping Weight	List Price
Jewell Junior	One-Day Clock Thermostat and Junior Gravity Motor....	21 lbs.	\$47.90

## Hart & Cooley Automatic Heat Control



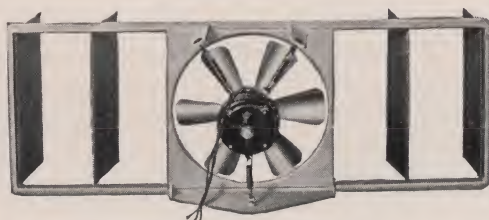
An efficient electric motor driven, wholly automatic furnace regulator. Sensitive to temperature variations of less than one degree. Can be controlled in basement for firing by adjusting knob on front of regulator. Inexpensive to operate since electricity is consumed only when motor is in operation.

All parts rust proof. Furnished complete with thermostat, motor, fuse block, transformer, chain, pulleys, cord and wire, ready to install. Weight packed, twenty-one pounds.

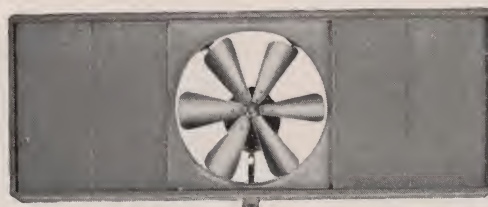
List Price.....\$54.00



## Miles Automatic Furnace Fan



Miles Automatic Furnace Fan  
idle; louvers open for  
gravity circulation



Miles Automatic Furnace Fan in operation;  
louvers closed for positive  
forced circulation.

The propeller-type Miles Automatic Furnace Fan, with patented by-pass louvers, illustrated above, is the recognized pioneer in the development of domestic forced air work. Thousands of installations in all type of homes and buildings have proven that the Miles principle of positive forced circulation is the basic principle of a REAL forced air system.

The Miles patented louver principle makes back-pressure (or air-escape around the fan orifice) impossible while the fan is in operation; the delivery, therefore, of rated air volumes AGAINST RESISTANCE, is made possible without the sacrifice of facilities for intermittent gravity air flow when and as needed.

Miles Automatic Furnace Fans are furnished with frame sizes of sufficient size to maintain free air area for gravity under Standard Code requirements; spring suspension of the motor prevents vibration of either fan or frame. Miles Fans are available either with one or three-speed motors.

The advantages of positive forced warm air heating are innumerable—from the standpoint of dependability, efficiency, year-round comfort, convenience and health. Each of these effective, significant sales arguments mean more furnace sales, at bigger profits. Warm air heat can now be sold on its many merits instead of on its price. Its sales possibilities, when sold in conjunction with Miles Fans have become practically unlimited, and every furnace and sheet metal man will do well to familiarize himself with this most important subject. Complete catalog available upon request.

### DATA SHEET AND PRICES

Residence Series and Public Buildings Where Quiet Operation is Necessary.

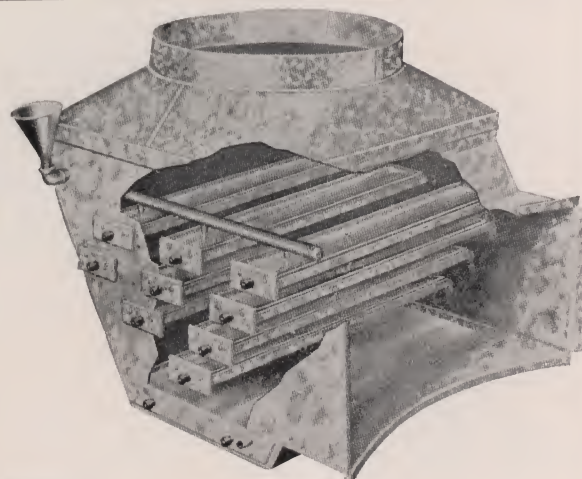
	Capacity C.F.M.	Inside of Frame (In inches)	Free Area for Gravity	Motor R.P.M.	List Price
No. 500 S	700	33x16 inch	500 inch	1750	\$ 80.00
No. 500 L S	800	39x14 inch	460 inch	1150	96.00
No. 600 S	1000	33x16 inch	475 inch	1150	120.00
No. 600 L S	700	43x16 inch	585 inch	860	136.00
No. 800 L S	1100	47x16 inch	639 inch	860	144.00
No. 1000 L S	1600	51x18 inch	780 inch	860	152.00
No. 1500 L S	2200	54x20 inch	918 inch	860	184.00
No. 1500 Variable Speed	3000 (Max.)	48x24 inch	1036 inch	1150- 860	280.00

### The Handy Air Cleaner, Perfect Humidifier and Cold Air Shoe THREE PURPOSES COMBINED IN ONE

**First: COLD AIR SHOE.** It takes the place of an ordinary cold air shoe, retaining full, unobstructed air passage.

**Second: CLEAN AIR.** A series of water pans are placed in a staggered position, forcing all the air to impinge on the water which attracts the dust and lint, leaving only clean air to enter the furnace casing, then distributed to the rooms above.

**Third: HUMIDITY.** Perfect humidity is created by the cold air passing over the water and absorbing the moisture that is required for a healthy atmosphere.



Sizes and List Prices as follows:

16 inch . . . \$25.00

18 inch . . . \$27.50

20 inch . . . \$30.00

22 inch . . . \$32.50

24 inch . . . \$35.00



## EMERSON FURNACE FAN



A slow-speed, quiet, cool-running fan built particularly to force the air to distant rooms as well as to the rooms close to the furnace. This fan is built to overcome sluggish circulation.

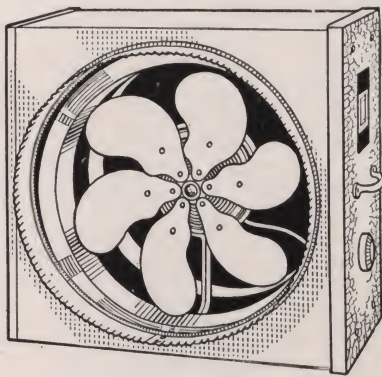
A three-speed regulator for convenient wall mounting is supplied but these fans may also be used without regulator for operation on high speed only.

The adjustable motor mounting is made for three different positions; horizontal and angles of  $22\frac{1}{2}^\circ$  or  $45^\circ$  making it suitable for duct or boot installation. Three lengths of stand pipe 5, 8 and 11 inches long with couplings are supplied.

### DATA—LIST PRICES

Size Blades	Frame Number	Volts	Current	Performance in 18 in. Duct 6 ft. long			List Prices with Regulator
				Fast Speed	Med. Speed	Slow Speed	
12 inch	F4SD	110	60 Cy.	65 watts 1100 RPM 1050 CFM	50 watts 900 RPM 900 CFM	40 watts 700 RPM 700 CFM	\$52.50
16 inch	F4SE	110	60 Cy.	90 watts 950 RPM 1275 CFM	70 watts 750 RPM 1000 CFM	60 watts 500 RPM 700 CFM	
12 inch	F4SD	110	25 Cy.	70 watts 1100 RPM 1050 CFM	55 watts 900 RPM 900 CFM	45 watts 700 RPM 700 CFM	60.00
16 inch	F4SE	110	25 Cy.	125 watts 950 RPM 1275 CFM	112 watts 750 RPM 1000 CFM	105 watts 500 RPM 700 CFM	
							56.30
							63.80

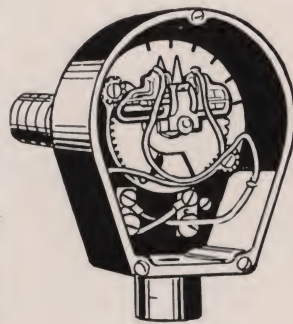
## THE A. C. HEAT BOOSTER



An economical fan unit easily installed. This fan delivers four changes of air every hour. With the aid of this fan your home can be heated in half the time required by a gravity installation.

Operated by a mercury control in the furnace casing, automatically starting at a temperature of  $130^\circ$ , it keeps running until it falls to  $110^\circ$ . Sold complete with Furnacestat or without Furnacestat.

	Complete with Furnacestat	Less Furnacestat
No. 9.....	\$ 72.00	\$ 50.20
No. 12.....	96.00	74.20
No. 16-6.....	145.00	122.20
No. 16-9.....	175.00	153.20
No. 18.....	244.50	222.70



## EMPRESS HEAT REGULATOR

All Electric—All Automatic  
Type B



Moderate Price—This unit is now offered at a price which will appeal to the home owner of moderate means as well as the owner of the most pretentious residence.

Correctly Designed—And substantially constructed, it will function satisfactorily for many years with the minimum of attention.

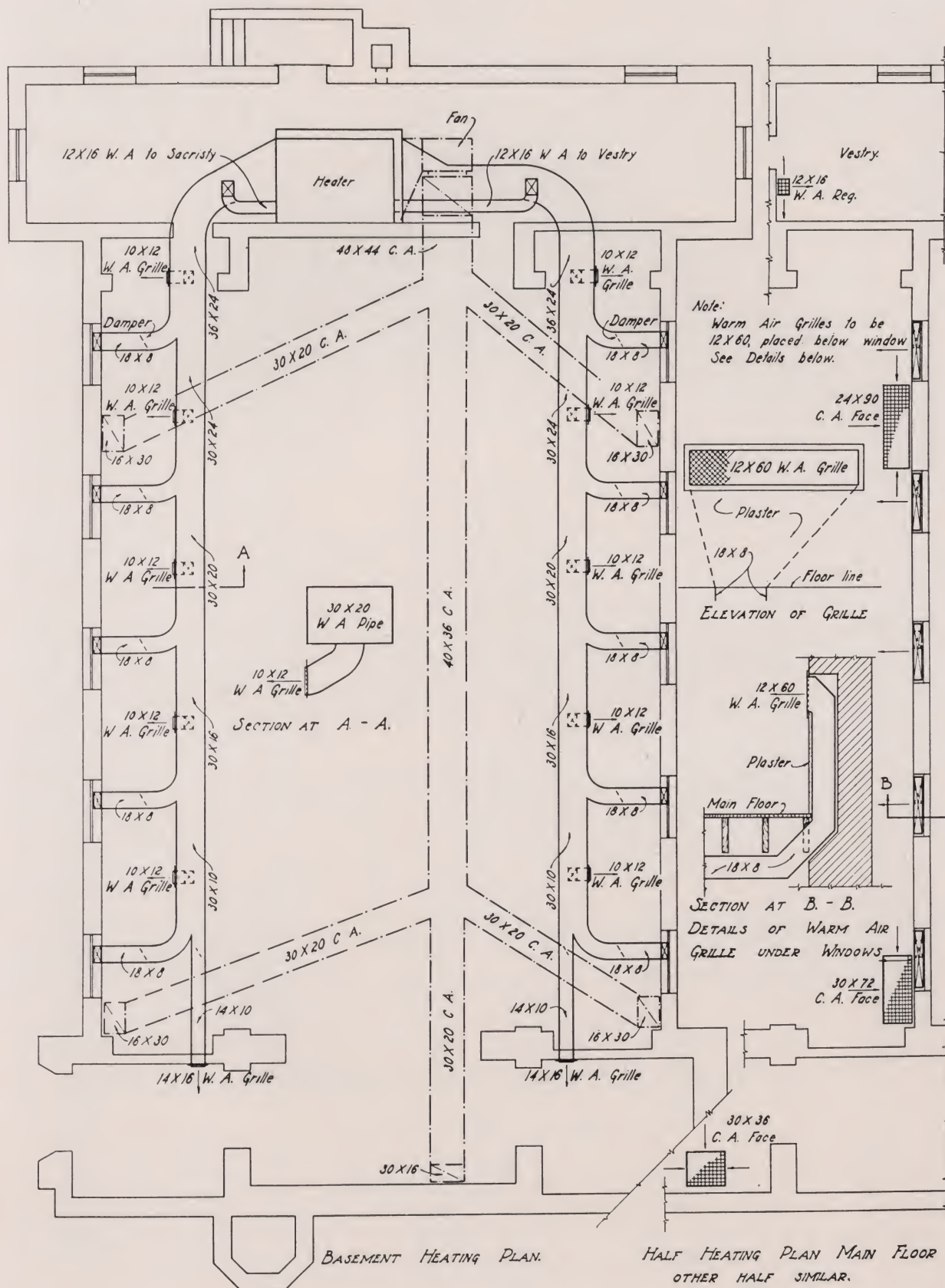
Simplicity—It is only necessary to set the dial of the thermostat at the temperature desired to enjoy the comfort of uniform heat throughout your house at all times and under all weather conditions.

List Price.....\$40.00

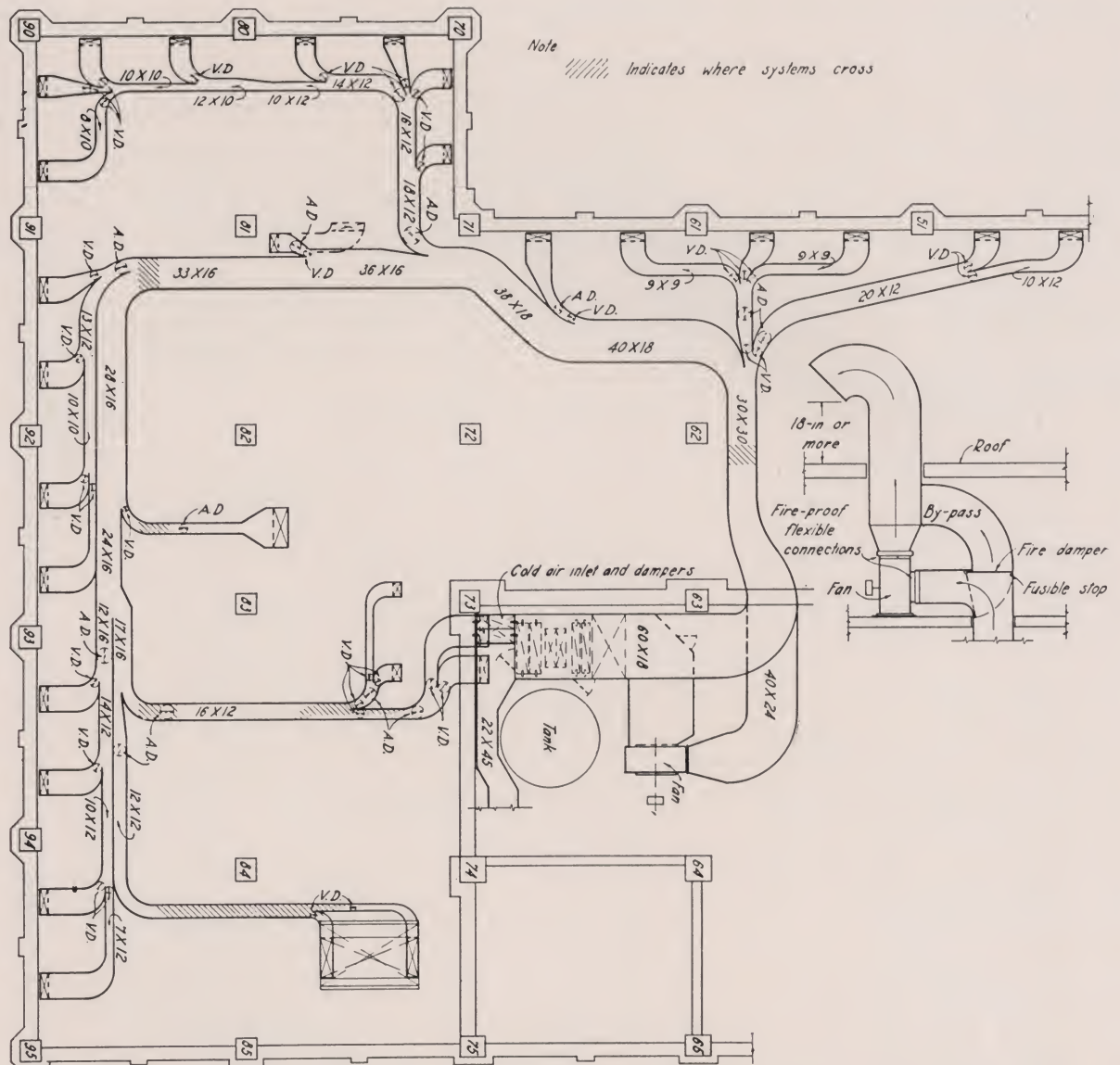






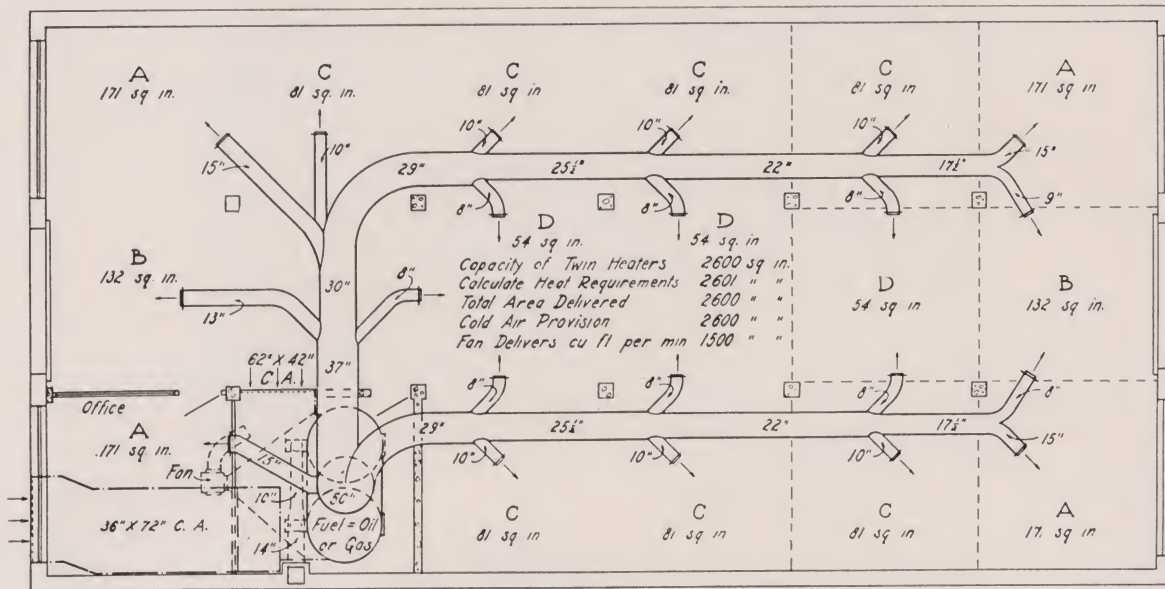


Typical Church Installation

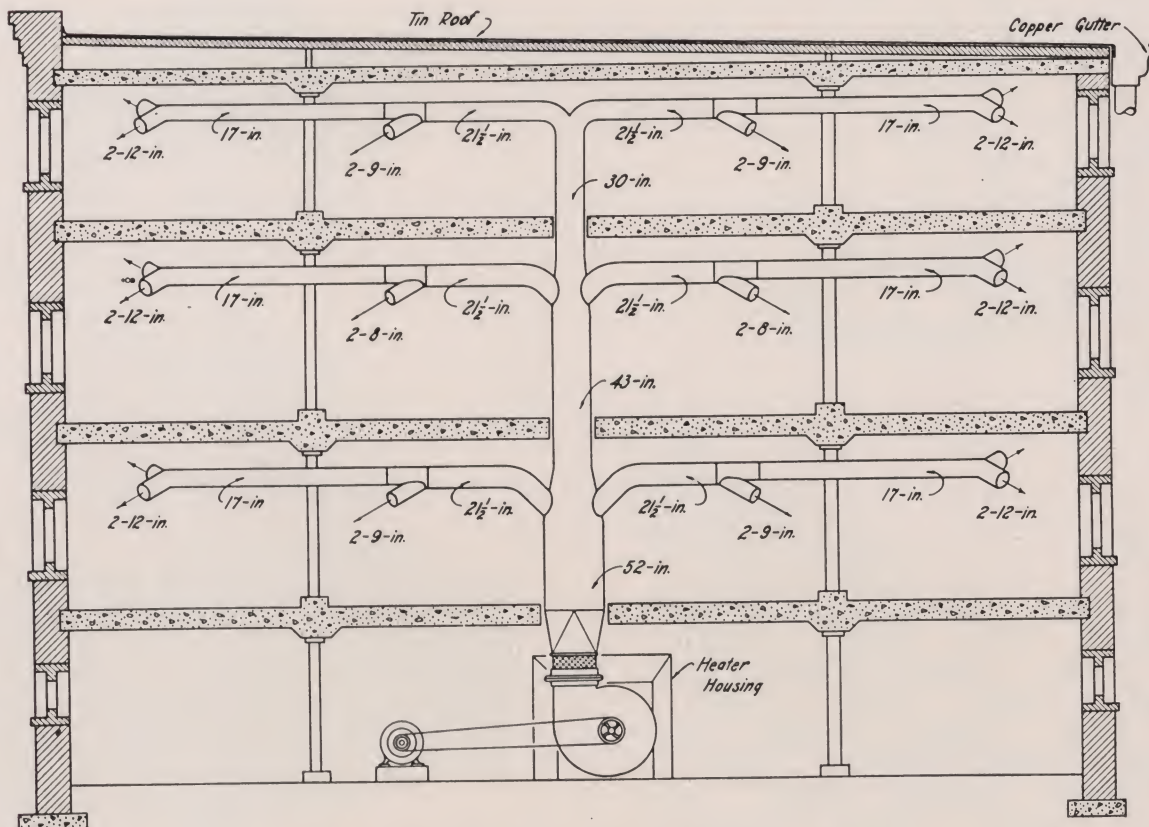


Heating and Cooling System such as is used in a large office building





Layout for One Story Public Garage



Heating a three story factory with Central Stack Distributing System

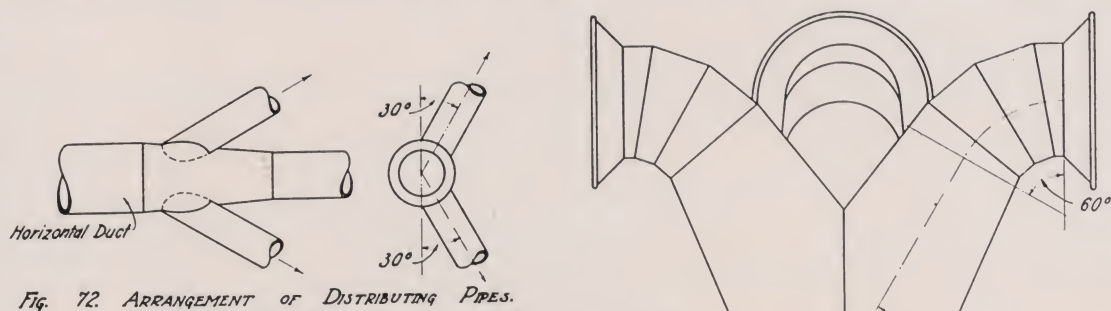
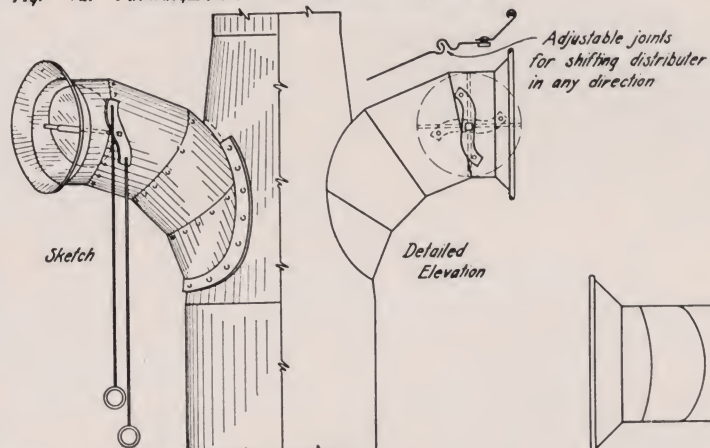
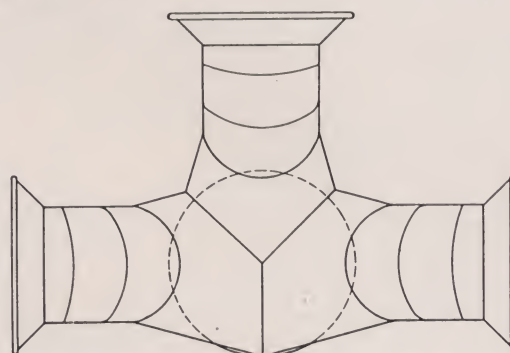


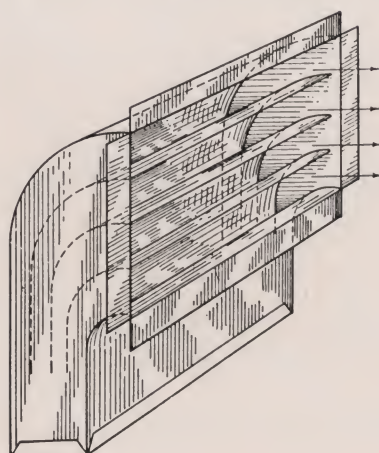
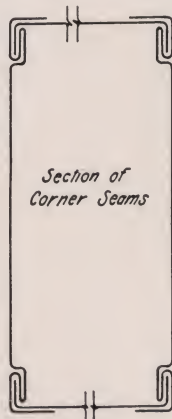
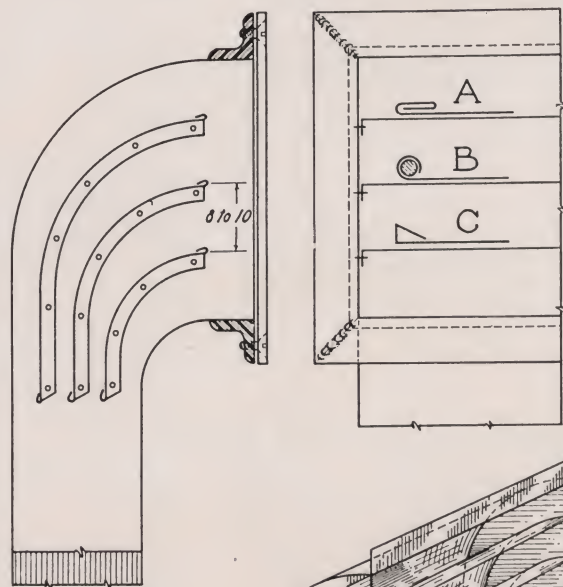
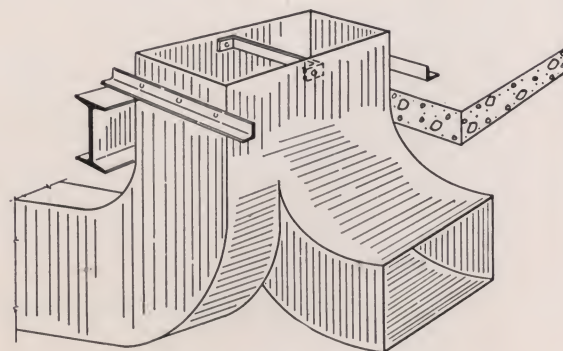
Fig. 72. ARRANGEMENT OF DISTRIBUTING PIPES.



ELBOW BRANCH DISTRIBUTER.



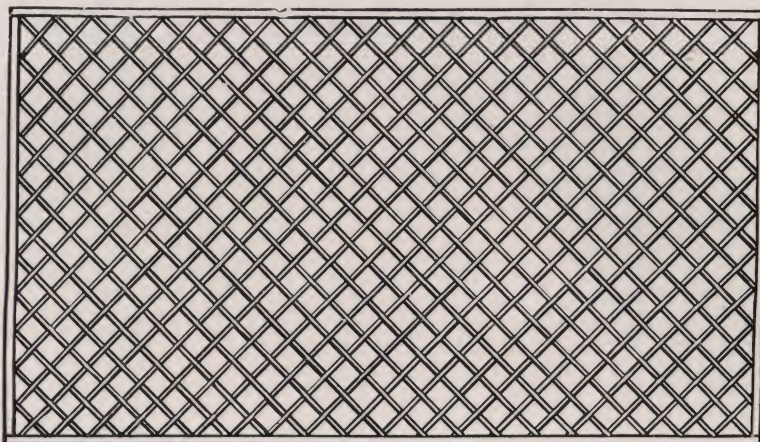
THREE WAY CENTRAL STACK DISTRIBUTING ELBOW.

STANDARD DIFFUSER HEAD  
FOR VERTICAL OR HORIZONTALSupporting Basement  
Elbow Connections



## Wire Grilles for Schools, Churches, Public Buildings

Made with Either Channel or Angle Iron Frames

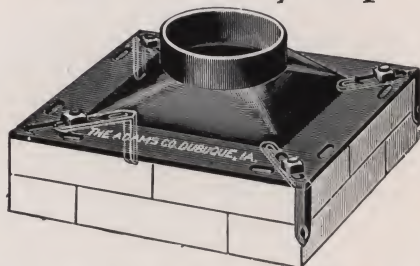


	List Prices
2 square feet and less.....	each \$4.00
3 square feet and less.....	each 5.00
4 square feet and less.....	each 6.50
5 square feet and less.....	each 8.00
6 square feet and less.....	each 9.00
Over 6 square feet.....	per sq. foot 1.50

These prices are with Channel Iron Frames

Add 25% for Angle Iron Frames

### Cast Chimney Cap



Malleable Clips can be adjusted to fit outside or inside.

Size	Plate	List Price
7 inch.....	12x16.....	\$2.50
8 inch.....	12x16.....	2.50
9 inch.....	14x18.....	3.60
10 inch.....	16x20.....	6.00

### Galvanized Wall Ties

1,000 in Each Carton



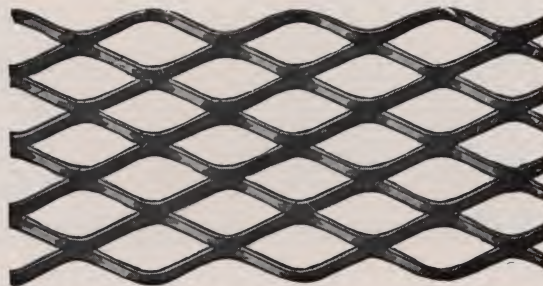
	List Price
Less than 10 cartons, Per thousand.....	\$3.50
More than 10 cartons, Per thousand.....	3.20
More than 20 cartons, Per thousand.....	3.00

### Revolving Chimney Top



Size	List Price
7 Inch.....	\$1.50
8 Inch.....	1.70
9 Inch.....	1.90
10 Inch.....	2.10

### Metal Lath



	List Price
Per Square Yard.....	\$ .60



## Friction Furnace Regulators



Regulator has 5-inch Chain travel and is 3 inches in diameter.

THESE FRICTION REGULATORS operate from the basement as well as upstairs.

Embossed "Open-Closed-Check"

List Price, Each.....\$1.00

## Steel Furnace Pulleys (1 1/4" Wheel)



No. 10



No. 11

### LIST PRICES

Per Dozen.....\$ .90	Per Dozen.....\$ 1.00
Per Gross..... 10.00	Per Gross..... 11.00

## Clinker Tongs



List Price, Each.....\$2.00

## Regulator Sets



Carton comes complete with 1-Friction Furnace Regulator, 30 feet Furnace Chain, 4 Steel Furnace Pulleys, 2 "S" Hooks and Wood Screws.

List Price, Per Carton.....\$2.00

## Chain Plate

For Controlling Draft Chains



3 1/2 inches wide

No. 2 Chain Plate accommodates 2 Chains with Key Rings. Regularly embossed "C" and "D" for Check and Draft.

### LIST PRICES

Chain Plates, Each.....	\$0.40
Key Rings, Per pair.....	.10

## Sherardized Steel Furnace Chain

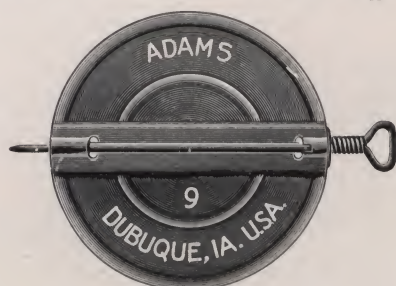


### List Prices

500 ft. coil.....	Per Foot \$ .03
100 to 500 ft.....	Per Foot .04
Less than 100 ft.....	Per Foot .05



## Steel Warm Air Damper



## LIST PRICES

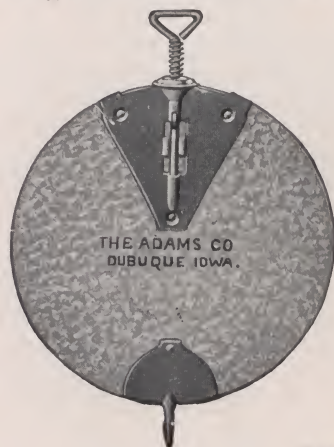
Size	Each	Per Dozen
7 Inch.....	\$.32	\$2.60
8 Inch.....	.44	3.60
9 Inch.....	.52	4.20
10 Inch.....	.56	4.50
12 Inch.....	.70	5.90
14 Inch.....	1.00	8.00

## Cast Iron Smoke Pipe Damper



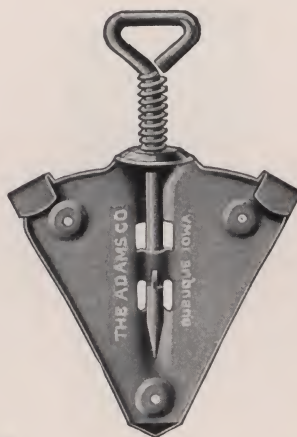
## LIST PRICES

Size	Each
7 Inch.....	\$.40
8 Inch.....	.60
9 Inch.....	.80
10 Inch.....	1.00
12 Inch.....	1.20

Steel No-Rivet Damper  
Clip and Tail Piece

## LIST PRICES

	Per Dozen	Per Gross
Damper Clips.....	\$1.50	\$15.00
Tail Pieces.....	.50	4.50

Steel No-Rivet Damper  
Clip

## Ash Pit Doors



Size	LIST PRICES	Each
8x 8 .....		\$1.30
8x10 .....		1.50
8x12 .....		2.00
12x15 .....		4.50

## Cast Iron Flue Thimble



Size	List Prices
7 Inch.....	\$1.00
8 Inch.....	1.20
9 Inch.....	1.40
10 Inch.....	1.80

No. 3 Reversible  
Check Damper

Size	List Prices
8 Inch.....	\$1.50
9 Inch.....	1.50

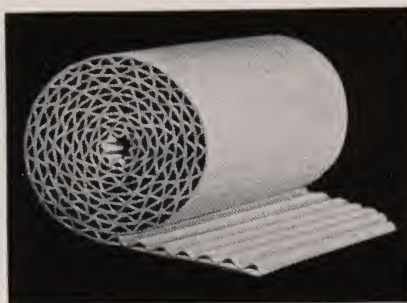
No. 1 Reversible  
Check Damper

Size	List Prices
8 Inch.....	\$2.70
9 Inch.....	3.00
10 Inch.....	3.40
12 Inch.....	4.40



**Asbestos Paper****LIST PRICES**

1000 lbs. or more, Per lb..	\$ .09½
500 to 1000 lbs., Per lb..	.10
200 to 500 lbs., Per lb..	.11
50 to 200 lbs., Per lb..	.12
Less than 50 lbs., Per lb..	.13

**Corrugated Air Cell  
Asbestos Paper****LIST PRICES**

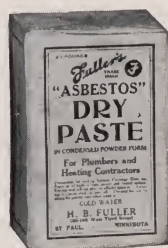
250 sq. ft. roll.....	\$10.00
Less than full roll, Per lb..	.30

**Asbestos Pipe  
Joint Tape**

Put up in packages containing 1,000 lineal feet of three inch wide asbestos paper, twelve rolls to the package.

**LIST PRICES**

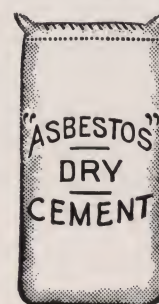
Per Roll.....	\$ .60
Per Package.....	6.00

**Asbestos Dry Paste****LIST PRICES**

200 lb. Barrels.....	Each	\$32.00
100 lb. Barrels.....	Each	17.00
50 lb. Drums.....	Each	9.50
20 lb. Galv. Pails.....	Each	4.50
10 lb. Bags.....	Each	2.00
5 lb. Bags.....	Each	1.00
2½ lb. Cartons.....	Each	.70

**Asbestos Furnace Cement****LIST PRICES**

5 lb. cans.....	Per can	\$ .80
1 Case, 12 5 lb. cans.....	Per case	8.20
10 lb. cans.....	Per can	1.60
1 Case, 6 10 lb. cans.....	Per case	8.20

**Asbestos Fibre Cement****LIST PRICES**

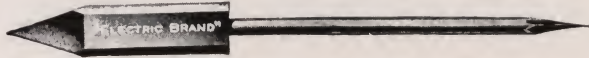
100 lb. Sack.....	\$5.50
Less than full sack, Per lb..	.10

**Roofing Cement****LIST PRICES**

5 lb. cans.....	\$ .90
-----------------	--------



### Soldering Coppers



Price on application.

### Half and Half Solder



Price on application.

### Kalon Solder Iron Handles



SHUR-GRIP—The heat escapes through the hole in the direction indicated by arrows.

“IT SCREWS ON”—“CAN’T COME OFF”—“WON’T BURN”—“PAYS FOR ITSELF”

No. 7 for 1½ to 4-Pound Irons. No. 8 for 4 to 8-Pound Irons. List Price, Each.....\$0.50

### Speco Sal Ammoniac



Solid Sal Ammoniac outlasts any other Sal Ammoniac five times to one.

#### LIST PRICES

¼ lb. Cake.....	\$ .50
½ lb. Cake.....	.80
1 lb. Cake.....	1.50

### Handy Acid Brushes



#### LIST PRICES

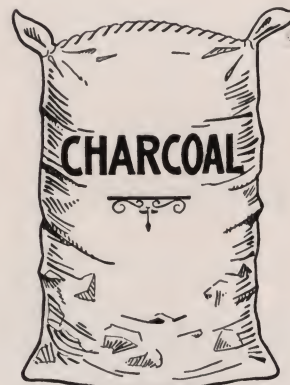
Postage Paid.....	Per Dozen \$ .30
Postage Paid.....	Per Gross 2.50

### Gasoline Fire Pot



#### LIST PRICE

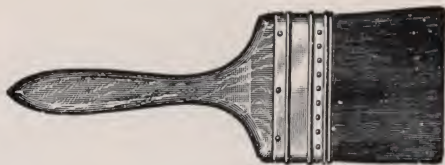
No. 70.....	Each \$22.76
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#### LIST PRICE

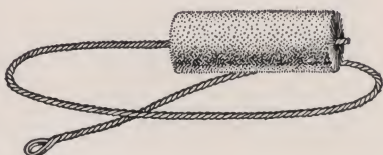
Per lb.....	\$ .05
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### Paste Brush



List Price.....\$1.20

### Handy Furnace Cleaning Brushes



No. 955. With long flexible wire handle. Length of handle 60 inches. Length of brush 4 1/2 inches. Diameter of brush 4 inches.

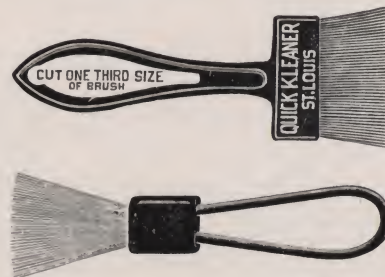
List Price.....\$1.50

### Furnaceman's Saw



List Price.....\$6.00

### Tinners' Cleaning Brushes



#### WHAT THEY ARE GOOD FOR

Tinners and Roofers will find them very valuable in removing rust from any surface before soldering, if used with a little acid.

#### LIST PRICES

No. 766. Length overall 5 1/2 inches. Brush 1 1/2 inches. Width 3/4 inches.

List Price, Each, \$0.20; Dozen.....\$2.00

No. 855. Length overall 6 inches. Brush 1 1/2 inches. Width 2 inches.

List Price, Each, \$0.60; Dozen.....\$6.00

### Wire Scratch Brushes



No. 3315. Size 7 1/8 inches long. 2 7/8 inches wide.

List Price.....\$1.10

### Stove Pipe Wire



#### LIST PRICES

No. 18 or 19 Annealed Black Wire  
Per Stone.....\$2.20

No. 19 Galvanized Wire  
Per Stone.....\$3.00





Round Head

### Stove Bolts

100 (With Nut on) in Box



Flat Head

#### LIST PRICES PER BOX

Length in inches	Diameter 3/16	1/4
1/2	.46	.64
3/4	.46	.64
1	.48	.68
1 1/4	.54	.74
1 1/2	.60	.76
1 3/4	.64	.86

Length in inches	Diameter 3/16	1/4
2	.68	.86
2 1/2	.76	.92
3	.82	1.10
3 1/2		1.32
4		1.46

### Tinned Rivets

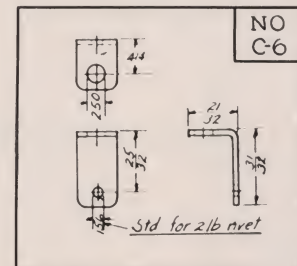


(Full Size Illustration)  
Packed 1000 in Box

#### LIST PRICES PER BOX

8 oz.	.....\$0.28	2 1/2 lb.	.....\$0.86
1 lb.	......46	3 lb.	..... 1.00
1 1/4 lb.	......54	4 lb.	..... 1.28
1 1/2 lb.	......62	5 lb.	..... 1.44
1 3/4 lb.	......72	6 lb.	..... 1.68
2 lb.	......74	8 lb.	..... 2.24

### Draw Band Lugs or Casing Clips



#### LIST PRICES

Per Dozen	.....\$ .30
Per Gross	..... 2.50
Per Thousand	..... 12.00

### Hand Grooving Tools



Number	Size Groove	List Prices
00	7/16 Inches	Each \$1.70
0	3/8 Inches	Each 1.70
1	11/32 Inches	Each 1.60
2	5/16 Inches	Each 1.60
3	9/32 Inches	Each 1.50

### Rivet Sets



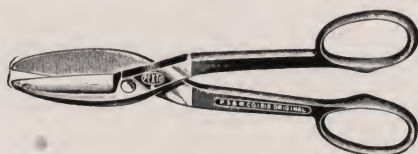
Number	For Rivet Size	List Price
1	7 and 8	Each \$1.10
2	6	Each 1.10
3	4 and 5	Each .90
4	3 and 3 1/2	Each .90
5	2 and 2 1/2	Each .70
6	1 1/2 and 1 3/4	Each .70
7	1 and 1 1/4	Each .60

### Scratch Awls



No.	Length Blade	Length Over All	List Prices
21	2 3/4 Inches	5 7/8 Inches	\$ .60
22	3 1/2 Inches	6 1/2 Inches	.70
23	4 1/8 Inches	7 1/2 Inches	.80

## Tinner's Snips



Straight Pattern

## List Prices

Number 7—14½" long 4" cut.....	\$4.80
Number 8—13¾" long 3½" cut.....	4.00
Number 9—12½" long 3" cut.....	3.50

## Circular Pattern

Number 9.....	\$5.30
---------------	--------

## Riveting and Setting Hammers



## List Prices

No. 1 Size Face 1½ Inches, Weight 24 oz....	\$1.90
No. 2 Size Face 1 Inch, Weight 18 oz.....	1.80
No. 3 Size Face ¾ Inch, Weight 14 oz.....	1.70

## Folding Rules



## LIST PRICES

4 foot Yellow.....	Each	\$ .60
5 foot Yellow.....	Each	.80
6 foot Yellow.....	Each	.90
4 foot White.....	Each	.60
5 foot White.....	Each	.80
6 foot White.....	Each	.90
4 foot Aluminum.....	Each	1.80
5 foot Aluminum.....	Each	2.00
6 foot Aluminum.....	Each	2.20

## Berridge Double Cutting Snips and Crimper Attached



List Price.....\$5.50

## Handy Seamers

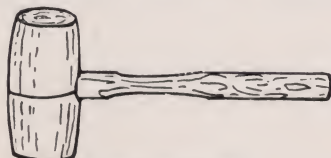


No. 791

Length of Blade.....	3½ inches
Width of Blade.....	7⁄8 inches
Size over all.....	7¼x3½ inches

Adjustable for Seams of different Widths  
 up to.....7⁄8 inches  
 Weight, each.....1 pound  
 List Price.....\$2.40

## Tinnners' Wood Mallets



## LIST PRICES

2½ Inch Face.....	\$ .70
3½ Inch Face.....	.80

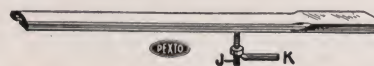
## Miller Hard Rubber Mallet



No. 16 2½ x 4½

List Price.....\$2.50

## Hollow Mandrel Stakes



## Cast Iron with Polished Faces

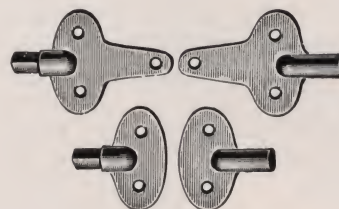
Number.....	910
Weight.....	lbs. 60
Entire length.....	inches 40
Length Flat Part.....	inches 9
Width Flat Part.....	inches 6
Length Oval Part.....	inches 31
Size Oval Part Radius of Circle.....	inches 2
List Price.....	\$20.00



## Damper Quadrants



## Damper Bearings

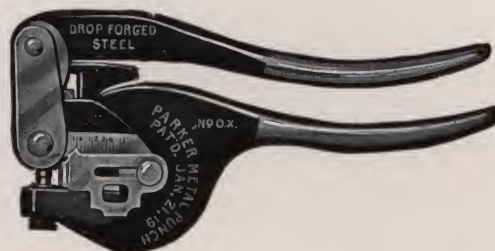


The most efficient device yet designed for regulating dampers in hot and cold air ducts, blow pipes, dust arrester systems, etc. The damper can be set at any angle from full open to tight shut. The damper is held in any desired position merely by tightening the wing nut. Made of heavy gauge pressed steel to fit  $\frac{3}{8}$ " and  $\frac{1}{2}$ " square rod or Damper Bearings. Furnished in an electro-galvanized finish; sizes  $\frac{3}{8}$ " or  $\frac{1}{2}$ ".

## LIST PRICES

Size	Complete Quadrant With Bearings	Quadrant Only	Bearings Only Per Set
$\frac{3}{8}$ "	<del>\$1.20</del> 1.02	<del>\$0.90</del> .78	<del>\$0.30</del> .24
$\frac{1}{2}$ "	<del>1.50</del> 1.26	<del>1.00</del> .80	<del>.50</del> .36

## No. O. X. Metal Hand Punch



Measures 8" overall. Will punch  $\frac{17}{64}$ " hole in 16 gauge steel or its equivalent. Holes can be punched in the center of a  $2\frac{1}{2}$ " circle.

The No. O. X. PUNCH is furnished as shown above complete with three sets of punches and dies, one each of the following sizes:  $\frac{1}{8}$ ",  $\frac{3}{16}$ " and  $\frac{1}{4}$ ". All other sizes of punches and dies are considered as extra. Punches and dies for the No. O. X. are made in six stock sizes:  $\frac{1}{8}$ ",  $\frac{5}{32}$ ",  $\frac{3}{16}$ ",  $\frac{7}{32}$ ",  $\frac{1}{4}$ ", and  $\frac{17}{64}$ ".

## LIST PRICES

No. O. X. PUNCH Complete	<del>\$12.00</del> 11.80
Extra Punches only	<del>.80</del> .50
Extra Dies only	<del>.80</del> .50

## Parker-Kalon Hardened Self-Tapping Sheet Metal Screws

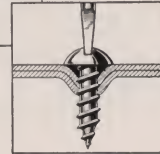


Parker-Kalon Hardened Self-Tapping Sheet Metal Screws are steel screws hardened in such a manner that they cut a thread in sheet metal without stripping their own thread. They function in sheet metal the same as a tap does in iron or steel. The only tool needed to make a permanent fastening with these Screws is a stout screw driver.

They Are Simple and Easy to Use



First. Punch or drill a hole slightly smaller than the diameter of the Screw being used.



Second. Turn the Screw in with a screwdriver, the same as you would a wood screw in wood.

### LIST PRICES

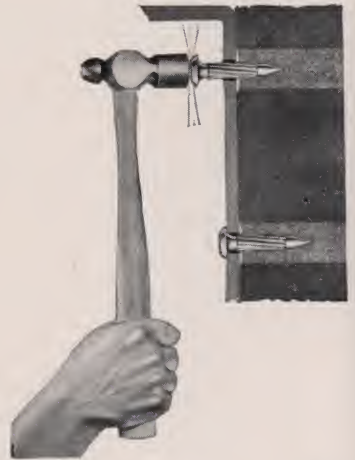
No. 6x $\frac{3}{8}$ . Per Gross.....	<del>53</del>	<del>\$0.96</del>
No. 7x $\frac{1}{2}$ . Per Gross.....	<del>58</del>	<del>1.04</del>
No. 10x $\frac{3}{4}$ . Per Gross.....	<del>80</del>	<del>1.36</del>
No. 14x $\frac{7}{8}$ . Per Gross.....	<del>96</del>	<del>1.66</del>

## Parker-Kalon Hardened Masonry Nails

### HOW TO USE THEM

Hammer the Nail into the brick (or whatever the material may be) like you hammer a nail into wood. It will drive in without bending. The hardened spiral rib construction makes this possible. The Nail anchors itself firmly in the material and obtains a good strong grip.

In ordinary masonry, it isn't necessary to drill a hole; but if the material happens to be very hard stone or unusually tough concrete, it is advisable to drill a small hole so that the Nail can get a start.



### LIST PRICES

5/32x1. Per 100.....	\$1.20	1/4 x1 $\frac{1}{2}$ . Per 100.....	2.20
3/16x1 $\frac{1}{4}$ . Per 100.....	1.50	1/4 x2. Per 100.....	2.70

## Parker-Kalon Plain and Stop Punches



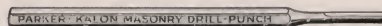
With this Plain Punch you can punch a hole for any size of Screws. List Price.....Each \$ .40



With this Stop Punch you can make the right size of hole for the size Screw you intend using. Made in four sizes for No. 6, No. 7, No. 10 and No. 14 Diameter Hardened Self-Tapping Sheet Metal Screws.

List Price.....Each \$ .60

## Parker-Kalon Masonry Drill Punch

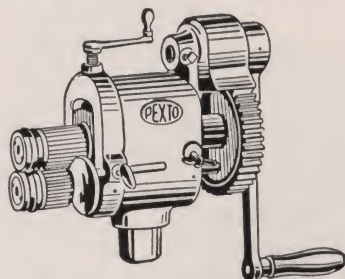


A quick acting drill especially designed for making holes in masonry for Hardened Masonry Nails. Made in two sizes—3/16" for the 3/16"x1" Nails, and 1/4" for the 1/4"x1 $\frac{1}{2}$ " and 1/4"x2" Nails.

List Price.....Each \$ .80



## Pexto Crimper and Beader



Capacity—No. 20 Gauge Iron and Lighter

Number	0585	Straight Crimp Rolls
Diameter Beading Rolls.....inches	1	15/16
Diameter Crimping Rolls.....inches	1	13/16
Width Crimp Rolls.....inches	1 3/4	
Width Bead Rolls.....inches	1	

Distance between Shaft Centers .....inches 1 3/4

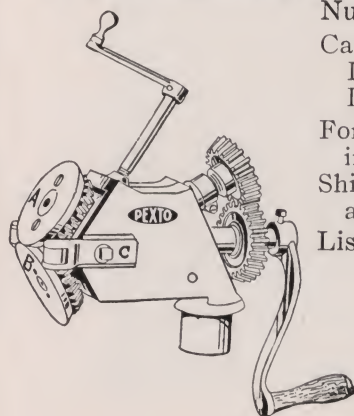
Approximate Weight.....lbs. 65

One pair Blank Rolls also furnished.

Furnished with Standard.

List Price.....\$50.00

## Pexto Setting Down Machine



Number 561 562

Capacity Gauge

Iron and

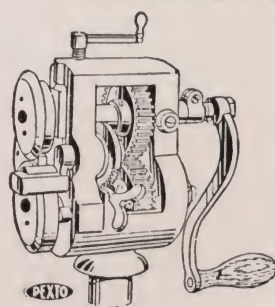
Lighter No. 24 18

For seams up to inches 3/8 1/2

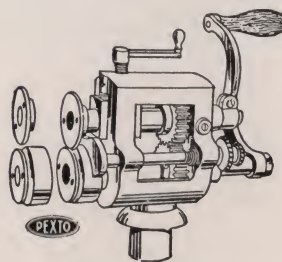
Shipping Weight, approx. lbs. 60 100

List Prices ... \$58 \$108

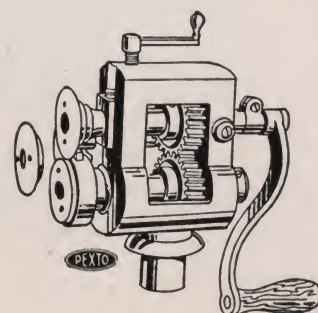
## Pexto Bench Machines



Burring Machine



Turning Machine



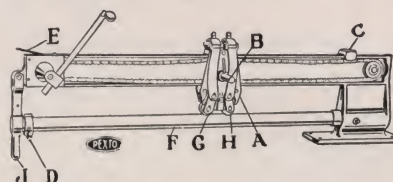
Wiring Machine

"A" Forming Roll Gauge not Furnished Unless Specified

Number	Small Burr 576	Large Burr 577	Small Turn. 541	Large Turn. 542	Wiring Mche. 525
Diameter Rolls.....inches	1 1/2	2 1/8	2-1/16	3	3
Widest flange or burr that can be turned.inches	3/16	1/4	....	....	....
Smallest wire that can be used.....Gauge No.	....	....	11	9	....
Largest wire that can be used.....Gauge No.	....	....	7	4	0
Shipping weight.....Approx. lbs.	21	25	25	31	31
List Prices.....	\$34.00	\$36.00	\$38.00	\$48.00	\$48.00

Furnished with standard. Extra upper roll furnished with Burring Machines and extra pair of thick turning rolls with Turning Machines.

## Pexto Rapid Groover



Capacity—No. 24 Gauge Iron and Lighter

Number 518

Will Groove Work Length.....inches 30

Diameter of Smallest Pipe that can

be Grooved.....inches 2

Approximate weight.....lbs. 200

Rolls are furnished, one each with 1/4, 5/16, 3/8 inch grooves and one Flatten-

ing Roll.

List Price...

.....\$130.00

## Universal Combination Rotary Machine



Comes complete with:

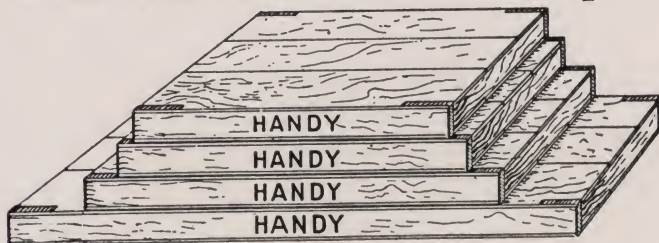
(a) Thin turning rolls; (b) Thick turning rolls; (c) Burring rolls, Spare upper burring roll, and (d) Wiring rolls.

Complete combination must be taken when using No. 1544.

List .....\$48.00

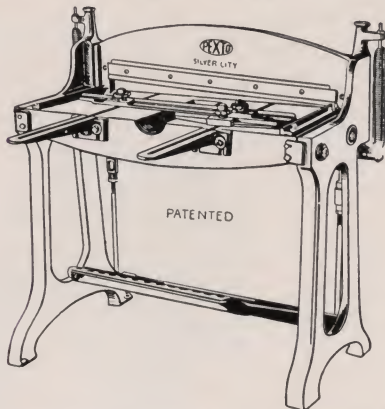


## Coke Tin Plate for Furnace Pipe



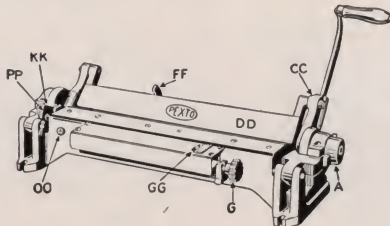
Price on Application.

## Pexto Squaring Shears



Capacity—No. 18 Gauge Iron and Lighter		
Number	132	137
Length for Sheets.....inches	30	36
Length, Front Arms.....inches	19	25 1/4
Width of Bed.....inches	14	14
Approximate weight.....lbs.	510	600
List Prices.....	\$190.00	\$250.00
No. 137 Equipped with hold-down attachment.		

## Pexto Bar Folder



Capacity—3/16 Inch Locks on No. 22 Gauge Iron and Lighter.		
Capacity— 1/8 Inch Locks on No. 24 Gauge Iron and Lighter.		
Capacity—3/32 Inch Locks on No. XX Tin.		
Number	62	63
Length of Sheets...width, inches	20	30
Will form closed and open		
Locks .....inches	1/8 to 1	1/8 to 1
Will form open Locks to receive a		
Wire up to.....inches	1/4	1/4
Approximate weight.....lbs.	140	220
List Prices.....	\$110.00	\$130.00

## Osborn's Roofing Tin Plate

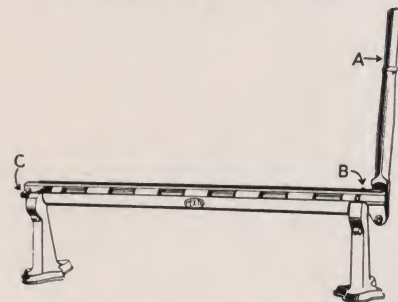


Price on Application.

## Galvanized Iron Sheets

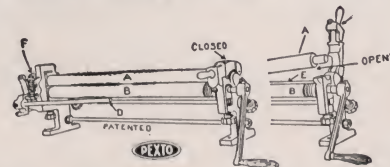
Standard gauges and sizes.  
Price on Application.

## Pexto Pipe Folder



Capacity—No. 24 Gauge Iron and Lighter		
Number		1
Length of Sheets, width.....inches	30	
Will form Locks.....inches	1/4 and 3/8	
Approximate weight.....lbs.	80	
List Price.....	\$64.00	

## Pexto Slip Roll Formers



Number	382	381
Length Rolls for Sheets		
.....width, inches	30	36
Diameter, Rolls.....inches	2	2
Approximate weight.....lbs.	185	205
List Prices.....	\$58.00	\$64.00



## RADIATOR ENCLOSURES



The above photograph shows an actual installation of a Meyer Radiator Enclosure.

The modern woman, whose home is her palace, will no longer endure ugly radiators. She insists upon a handsome enclosure, knowing that they not only add beauty and increase the humidity (which is one of the most essential factors in a home for a healthful atmosphere), but

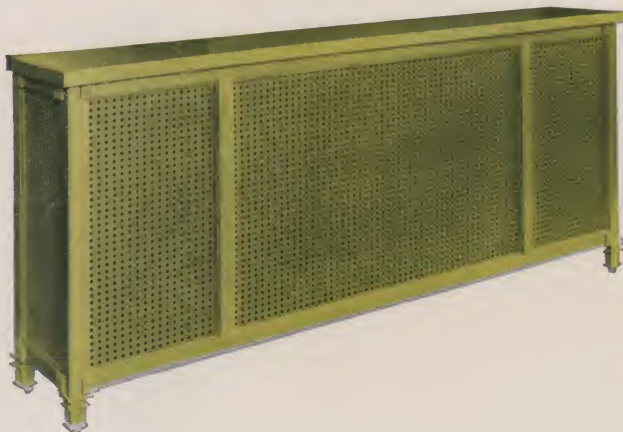
- (1) Protect the walls, thus eliminating cleaning and decorating bills.
- (2) Give more space in the room by converting the radiator into a window seat or a console table according to the style enclosure selected.
- (3) Throw the heat into the room at a living level instead of against the wall or upward toward the ceiling.

The following pages show various styles and types. Send for special catalog.



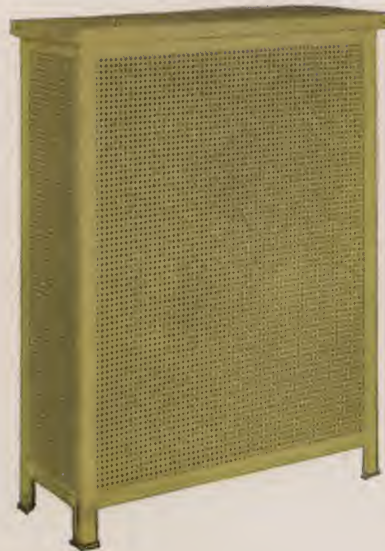
## RADIATOR ENCLOSURES

**THE REGENT**



The Regent is a De Luxe Enclosure. The special feet of pleasing design, the square rosettes, and the panel beading impart to this Enclosure the symmetry of line that creates an unusually smart and artistic appearance. The feet are adjustable for height which insures that the Enclosure will always set true and level.

**THE VICTORIAN**



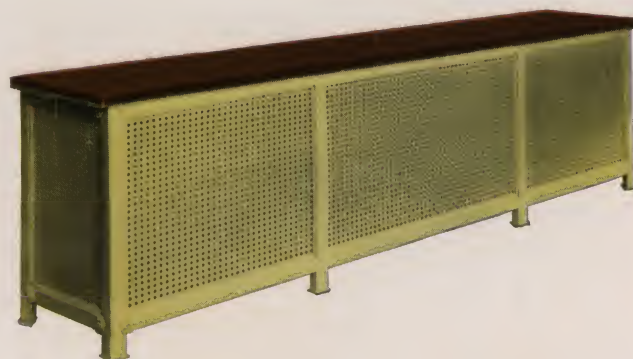
A simple yet pleasing type of framework in which can be set any design of grille. This enclosure converts the high, narrow radiator into a pleasing console, on which can be placed a vase, a piece of statuary or a bouquet of flowers. The drab, unattractive corner of your room thus comes to life and adds to the appearance of the room instead of detracting from it.

**THE BRIGHTON**



This enclosure shows a new, embossed design of grille known as Style "Y." This is a new creation which is proving to be very popular and which lends itself particularly well to an antique finish.

**THE STRATFORD**



A handsome enclosure which converts the long, low radiator into a useful and attractive window seat. The panel beading and the auxiliary feet add greatly to its neatness, symmetry of line, and finished appearance. Can be furnished with square rosettes if desired.





The above is another actual installation.



BEFORE



AFTER

Another illustration showing the black smudge on the wall and hangings, and the same radiator after a Meyer enclosure has been installed.

Note the clean wall, and how the enclosure is converted into a beautiful console.



## RADIATOR ENCLOSURES



## LIST PRICES

Radiator Cabinets with Perforated Cane Grilles. If "Style Y" Design Grilles add 12½% to price.  
If "Perfex" Design Grilles add 20% to price.

## With Prime Coat of Paint Only

LENGTH	HEIGHT				
	24 In.	30 In.	36 In.	42 In.	48 In.
30 Inches	\$33.00	\$35.00	\$37.00	\$39.00	\$41.00
36 Inches	35.00	37.00	39.00	41.00	43.00
42 Inches	37.00	39.00	41.00	43.00	45.00
48 Inches	39.00	41.00	43.00	45.00	47.00
54 Inches	41.00	43.00	45.00	48.00	51.00
60 Inches	43.00	45.00	47.00	50.00	53.00
66 Inches	45.00	47.00	49.00	52.00	55.00
72 Inches	47.00	49.00	51.00	54.00	57.00
78 Inches	49.00	51.00	53.00	56.00	60.00
84 Inches	52.00	54.00	56.00	60.00	65.00
90 Inches	54.00	56.00	60.00	65.00	70.00
96 Inches	60.00	64.00	70.00	75.00	80.00

## Painted in Any Standard Color

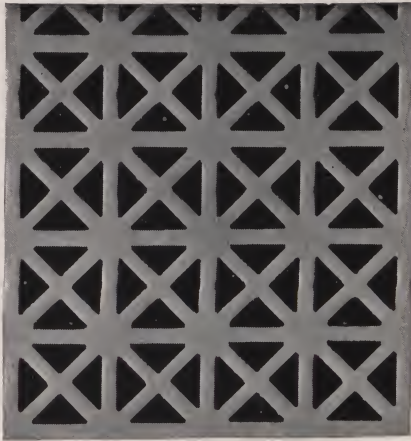
LENGTH	HEIGHT				
	24 In.	30 In.	36 In.	42 In.	48 In.
30 Inches	\$38.00	\$40.25	\$42.50	\$44.75	\$47.00
36 Inches	40.25	42.50	44.75	47.00	49.25
42 Inches	42.50	44.75	47.00	49.25	51.75
48 Inches	44.75	47.00	49.25	51.75	54.00
54 Inches	47.00	49.25	51.75	55.25	58.75
60 Inches	49.25	51.75	54.00	59.75	61.00
66 Inches	51.75	54.00	56.25	60.00	63.25
72 Inches	54.00	56.25	58.75	62.00	65.50
78 Inches	56.25	58.75	61.00	64.50	69.00
84 Inches	60.00	62.00	64.50	69.00	74.75
90 Inches	62.00	64.50	69.00	74.75	80.50
96 Inches	69.00	73.50	80.50	86.25	92.00

If Crated for Shipping, Add 6% Net to above List Prices.



## RADIATOR ENCLOSURES

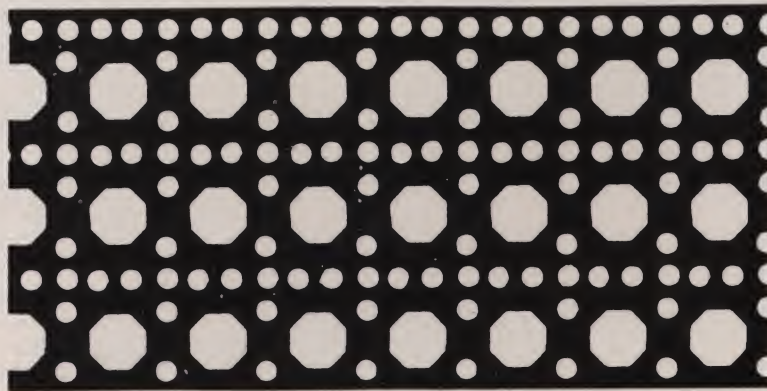
## STYLES OF GRILLES



Perfex—A new and original design which makes up into most attractive enclosures.



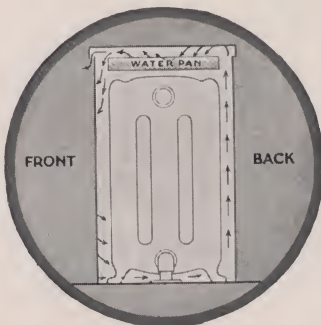
Style Y—A new design which lends itself to many forms of interior decoration.



Perforated Cane Design—A design which has been very popular for enclosures.

## FINISH

Meyer radiator enclosures are finished with a prime coat of paint. The style of finish is a matter of individual taste. However, it has been our observation that recognized interior decorators recommend that they shall be finished so as to blend into the wall or decorative scheme.



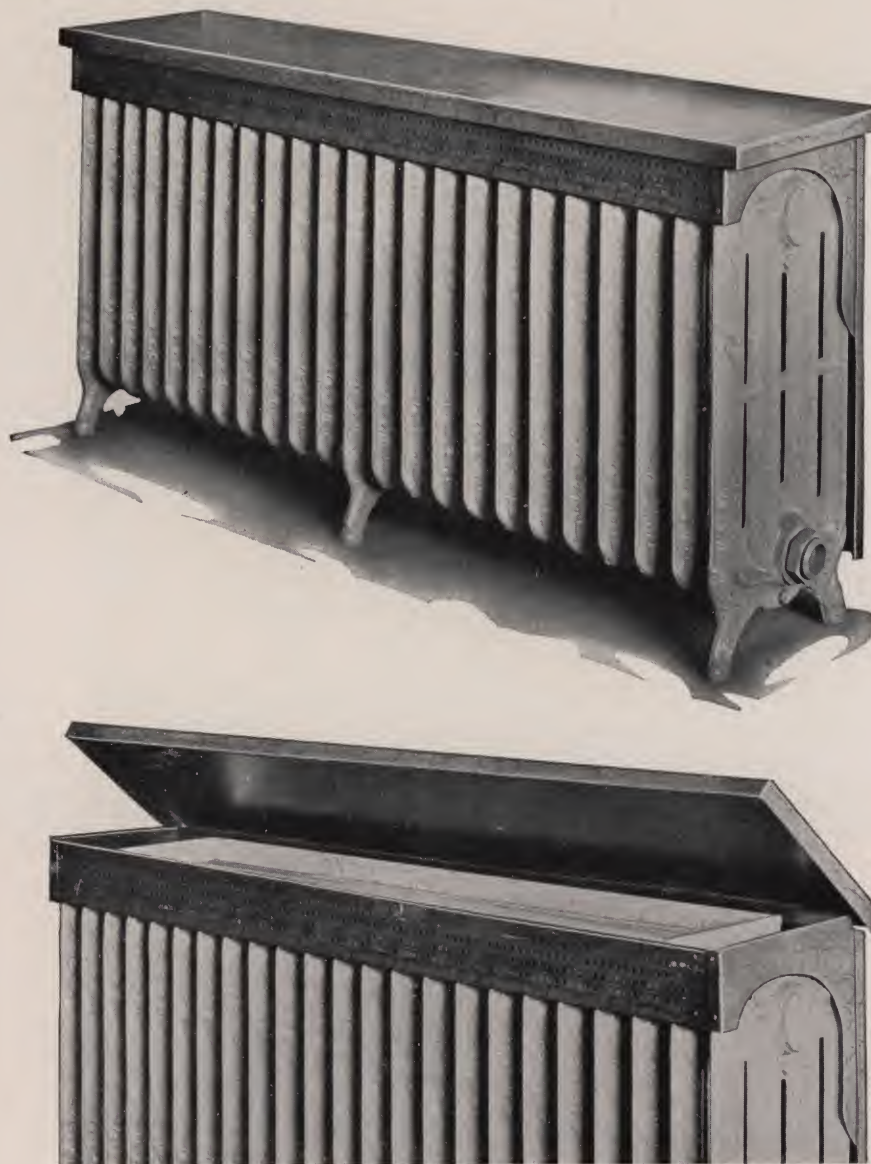
Showing circulation of heated air when enclosures are used.

The illustration shows the travel of air over the radiator when a Meyer enclosure is used. Note the water pan which extends over the entire top and greatly increases the humidity of the room.

## Superior Radiator Shields

(With Hinged Cover and Water Pan)

This shield covers the entire back of radiator, therefore prevents streaking of wall. The hinged cover and water pan are constructed the same as in the cabinets.



### LIST PRICES

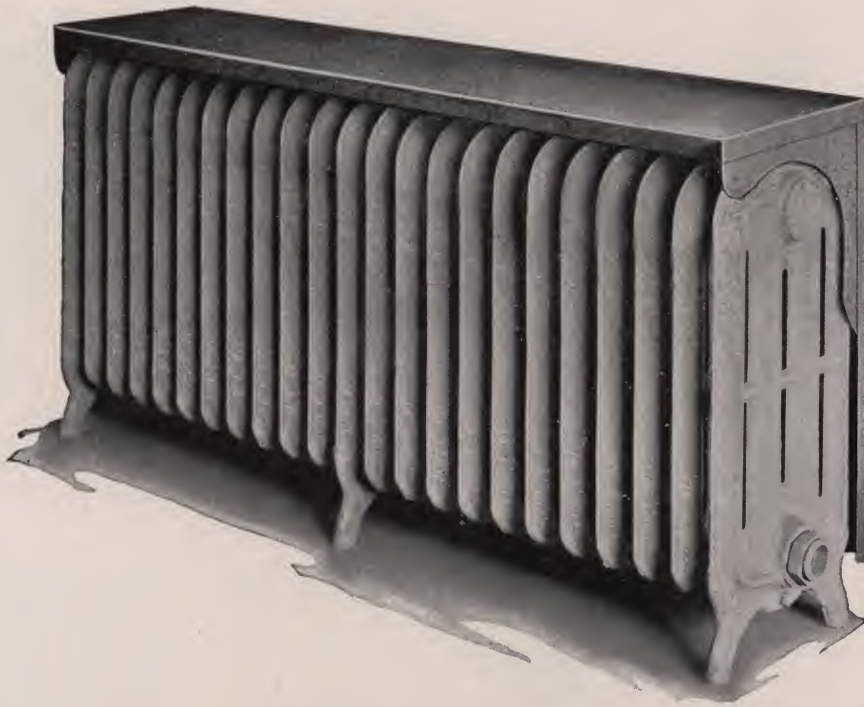
Superior Radiator Shields with Hinged Cover and Water Pan, Painted One Prime Coat

LENGTH	30 Inches	36 Inches	42 Inches	48 Inches	54 Inches	60 Inches
Price	\$12.50	\$13.00	\$13.50	\$14.00	\$14.50	\$15.00
LENGTH	66 Inches	72 Inches	78 Inches	84 inches	90 Inches	96 Inches
Price	\$15.50	\$16.00	\$16.50	\$17.00	\$17.50	\$18.00

If finished in any standard color add 25% to above prices. If crated for shipping, add 6% net to above List Prices.



## Handy Radiator Shields



This shield is constructed very substantially. The cover is braced with band iron, making it strong enough to support any reasonable weight. They assist in spreading the warm air in the room, without streaking the walls. They are very reasonable in price.

### LIST PRICES

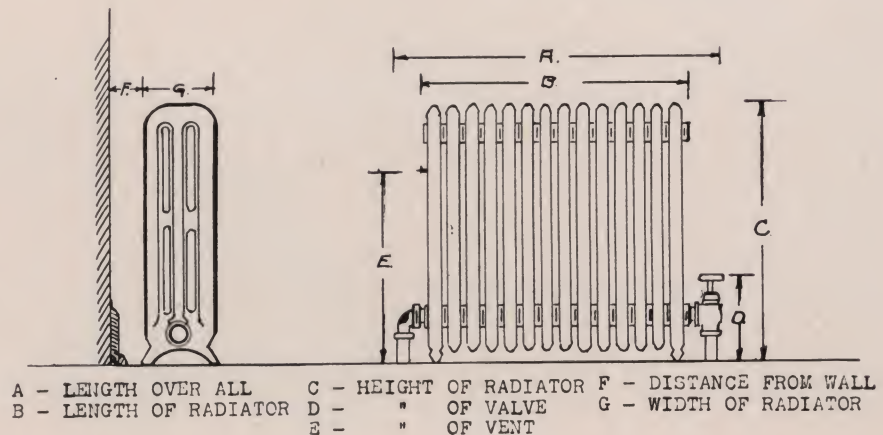
Handy Radiator Shields, Made of 26 Gauge Galvanized Iron

LENGTH	30 Inches	36 Inches	42 Inches	48 Inches	54 Inches	60 Inches
Price	\$10.00	\$10.50	\$11.00	\$11.50	\$12.00	\$12.50
LENGTH	66 Inches	72 Inches	78 Inches	84 Inches	90 Inches	96 Inches
Price	\$13.00	\$13.50	\$14.00	\$14.50	\$15.00	\$15.50

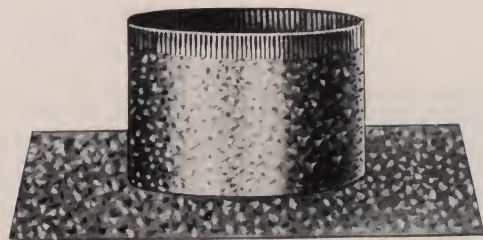
If finished in any standard color add 25% to above prices. If crated for shipping, add 6% net to above List Prices.

### Data Sheet to Order Cabinets or Shields

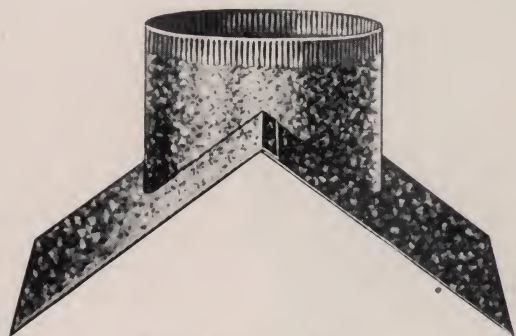
Give dimensions in inches starting at "A." No diagram is required, just state "A"—inches; "B"—inches, etc.



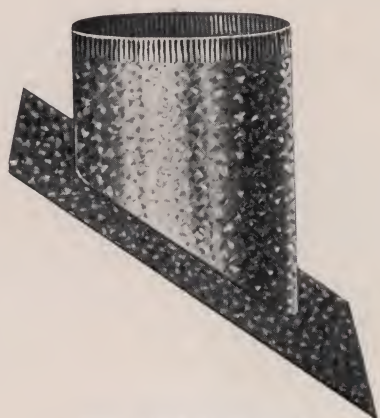
## Roof Jacks



FLAT ROOF JACK No. 1



RIDGE ROOF JACK No. 2



SIDE ROOF JACK No. 3

## List Prices

Size	Price
4 inch.....	\$ 2.20
5 inch.....	2.40
6 inch.....	2.50
8 inch.....	2.60
10 inch.....	2.80
12 inch.....	3.00
14 inch.....	3.50
16 inch.....	4.00
18 inch.....	5.00
20 inch.....	6.00
22 inch.....	8.00
24 inch.....	10.00
26 inch.....	12.00
28 inch.....	14.00
30 inch.....	16.00
36 inch.....	20.00
40 inch.....	24.00
44 inch.....	28.00
48 inch.....	32.00

## Ventilators



THE HANDY



THE CRESCENT



## LIST PRICES

Size	Price
4 Inch.....	\$ 7.50
6 Inch.....	8.00
8 Inch.....	8.50
10 Inch.....	10.00
12 Inch.....	12.00
14 Inch.....	13.50
16 Inch.....	15.00
18 Inch.....	20.00
20 Inch.....	22.00
24 Inch.....	44.00
30 Inch.....	48.00
36 Inch.....	60.00
40 Inch.....	90.00
44 Inch.....	120.00
48 Inch.....	150.00



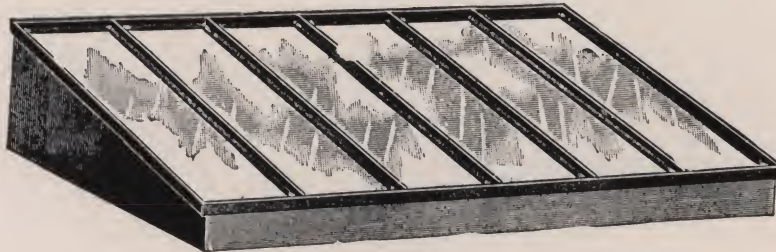
## Galvanized Iron Skylights

Made complete with 3/16-in. ribbed glass which we pack and ship in separate cases.

Our skylights are so constructed that they will not leak, either from rain or condensation, even without the use of putty.

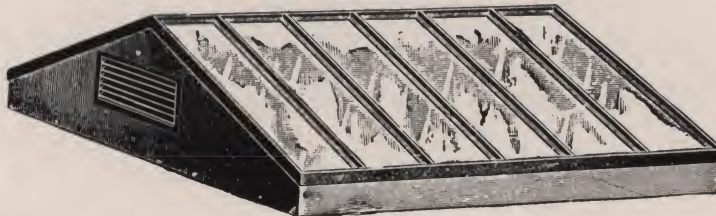
Measurements should be given on outside of curb. Prices calculated on exact size of these measurements.

### SINGLE PITCH SKYLIGHT



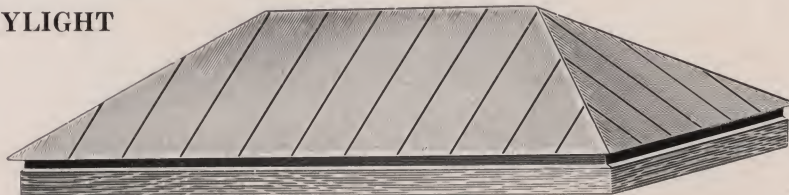
	List Prices
50 sq. ft. and over in one skylight.....	per sq. ft. \$1.40
30 to 50 sq. ft. in one skylight.....	per sq. ft. 1.50
20 to 30 sq. ft. in one skylight.....	per sq. ft. 1.70
10 to 20 sq. ft. in one skylight.....	per sq. ft. 2.00
Less than 10 sq. ft. in one skylight.....	per sq. ft. 2.40

### DOUBLE PITCH SKYLIGHT WITH LOUVRE VENTILATOR IN EACH END



	List Prices
50 sq. ft. and over in one skylight.....	per sq. ft. \$1.60
30 to 50 sq. ft. in one skylight.....	per sq. ft. 1.80
20 to 30 sq. ft. in one skylight.....	per sq. ft. 1.90
10 to 20 sq. ft. in one skylight.....	per sq. ft. 2.25
Less than 10 sq. ft. in one skylight.....	per sq. ft. 2.75

### HIPPED SKYLIGHT



	List Prices
50 sq. ft. and over in one skylight.....	per sq. ft. \$1.80
30 to 50 sq. ft. in one skylight.....	per sq. ft. 2.00
20 to 30 sq. ft. in one skylight.....	per sq. ft. 2.30
10 to 20 sq. ft. in one skylight.....	per sq. ft. 3.00
Less than 10 sq. ft. in one skylight.....	per sq. ft. 3.60

Extra charge will be made if ventilator is required.

### CAST IRON CUTOFF

	List Prices
3 Inch.....Each	\$3.00
3 Inch.....Each	4.00



Dozen Lots.....Price on Application



Approximate Shipping Weight of Furnace Pipe not crated based on 100 feet of pipe or 100 of each fitting.

## Handy Double Pipe

Weight in Pounds

No.	Pipe	Heads all Styles	Tees Styles 4 and 40	Tees Style 5	Angles Style 6	Elbows style 16	Angles Style 9	Elbows Style 90	Elbows Styles 21, 22, 23, 24, 25 and 26	Adjust- able Joints	Reducing Joints	Boots all Styles
5	225	225	225	290	100	140	160	250	240	250	...	210
7	230	250	230	300	110	150	160	260	260	255	140	215
6	260	260	255	380	125	165	200	300	310	285	140	265
8	270	290	260	390	125	175	200	320	315	290	145	275
9	280	320	280	430	135	180	225	345	340	300	150	320
11	310	330	315	425	150	230	230	370	380	325	...	350
12	320	380	340	450	160	250	265	390	400	350	...	390

## Single Round Pipe and Elbows

Weight in Pounds

	7 in.	8 in.	9 in.	10 in.	12 in.	14 in.	16 in.	18 in.	20 in.	22 in.	24 in.	26 in.	28 in.	30 in.
I. C. Nested Pipe.....	95	103	112	122	155	These weights include carton.								
I. C. Elbows, 4-pc., 90°.....	95	110	135	160	...	...	...	...	...	...	...	...	...	...
I. X. Nested Pipe.....	125	135	158	175	200	235	315	These weights include carton.						
I. X. Elbows, 4-pc., 90°.....	120	150	175	210	250	385	490	...	...	...	...	...	...	...
No. 26 Gauge Galv. Pipe.....	170	200	230	250	300	335	365	425	460	520	550	625	650	745
No. 26 Gauge Galv. Elbows, 4-piece.....	185	225	270	300	400	525	725	875	920	1250	1350	1575	1850	2025
No. 24 Gauge Galv. Smoke Pipe.....	225	250	275	300	350	450	...	...	...	...	...	...	...	...
No. 24 Gauge Galv. Smoke Elbow, 4-piece	225	270	350	420	500	785	...	...	...	...	...	...	...	...

## Capacity of Round Pipes

Diameter in Inches—Area in Square Inches

Diameter	Circum- ference	Area	Diameter	Circum- ference	Area	Diameter	Circum- ference	Area
1	3.141	.854	9½	29.84	70.882	24	75.39	452.39
1¼	3.927	1.227	9¾	30.63	74.662	24½	76.96	471.43
1½	4.712	1.767	10	31.41	78.539	25	78.54	490.87
1¾	5.497	2.405	10¼	32.20	82.516	25½	80.10	510.70
2	6.283	3.141	10½	32.98	86.590	26	81.68	530.93
2¼	7.068	3.976	10¾	33.77	90.762	26½	83.25	551.54
2½	7.854	4.908	11	34.55	95.033	27	84.82	572.55
2¾	8.639	5.939	11¼	35.34	99.402	27½	86.39	593.95
3	9.424	7.068	11½	36.12	103.86	28	87.96	615.75
3¼	10.21	8.295	11¾	36.91	108.43	28½	89.53	637.94
3½	10.99	9.621	12	37.69	113.09	29	91.10	660.52
3¾	11.78	11.044	12½	39.27	122.71	29½	92.97	683.49
4	12.56	12.566	13	40.84	132.73	30	94.24	706.86
4¼	13.35	14.186	13½	42.41	143.13	30½	95.81	730.61
4½	14.13	15.904	14	43.98	153.93	31	97.38	754.76
4¾	14.92	17.720	14½	45.55	165.13	31½	98.96	779.31
5	15.70	19.635	15	47.12	176.71	32	100.5	804.24
5¼	16.49	21.647	15½	48.69	188.69	32½	102.1	829.57
5½	17.27	23.758	16	50.26	201.06	33	103.6	855.30
5¾	18.06	25.967	16½	51.83	213.82	33½	105.2	881.41
6	18.84	28.274	17	53.40	226.98	34	106.8	907.92
6¼	19.60	30.679	17½	54.97	240.52	34½	108.3	934.82
6½	20.42	33.183	18	56.54	254.46	35	109.9	962.11
6¾	21.20	35.784	18½	58.11	268.80	35½	111.5	989.80
7	21.99	38.484	19	59.69	283.52	36	113.0	1017.8
7¼	22.71	41.282	19½	61.26	298.64	36½	114.6	1049.3
7½	23.56	44.178	20	62.83	314.16	37	116.2	1075.2
7¾	24.34	47.173	20½	64.40	330.06	37½	117.8	1104.4
8	25.13	50.265	21	65.97	346.36	38	119.3	1134.1
8¼	25.91	53.456	21½	67.54	363.05	38½	120.9	1164.1
8½	26.70	56.745	22	69.11	380.13	39	122.5	1194.5
8¾	27.48	60.132	22½	70.68	397.60	39½	124.0	1225.4
9	28.27	63.617	23	72.25	415.47	40	125.6	1256.6
9¼	29.05	67.200	23½	73.82	433.73			



## Capacity of Steel Floor Registers

Size in Inches—Area in Square Inches

Size	Area	Nearest Size of Round Pipe of Equivalent Area	Size	Area	Nearest Size of Round Pipe of Equivalent Area	Size	Area	Nearest Size of Round Pipe of Equivalent Area	Size	Area	Nearest Size of Round Pipe of Equivalent Area
8x10	56	8	12x15	126	12	16x20	237	16	24x24	426	22
8x12	67	9	12x16	134	12	16x24	284	18	24x30	532	24
9x12	75	9	14x16	157	14	18x21	279	18	28x28	589	26
10x12	84	10	14x18	176	14	18x24	319	20	30x30	674	28
10x14	98	10	14x20	196	14	20x20	296	18	30x36	809	32
12x12	101	10	14x22	216	16	20x24	355	20	36x36	970	34
12x14	118	12	16x18	213	16	20x30	445	22	38x42	1200	38

## Miscellaneous Rules

Diameter multiplied by 3.1416=circumference.

Circumference multiplied by .3183=diameter.

Square of the diameter multiplied by .7854=area.

Diameter multiplied by .8862=side of equal square.

Doubling the diameter of a circle increases its area four times.

Doubling the diameter of a circle multiplies the circumference by 2.

Side of a square multiplied by 1.128=diameter of a circle of equal area.

## To Get the Number of Gallons In Circular Cans and Tanks

Square the diameter in inches, multiply by the decimal .7854, the product by the depth of can or tank in inches. The result will be the full capacity in cubic inches. To get the number of gallons divide this by 231.

## Do Not Return Goods

We discourage the return of any goods, as it entails an expense to both purchaser and manufacturer. We are aware, however, that in exceptional cases, it may be desirable by our customers to return some pieces; this should not be done without our consent. Special made goods cannot be returned, nor can we allow any credit for them.

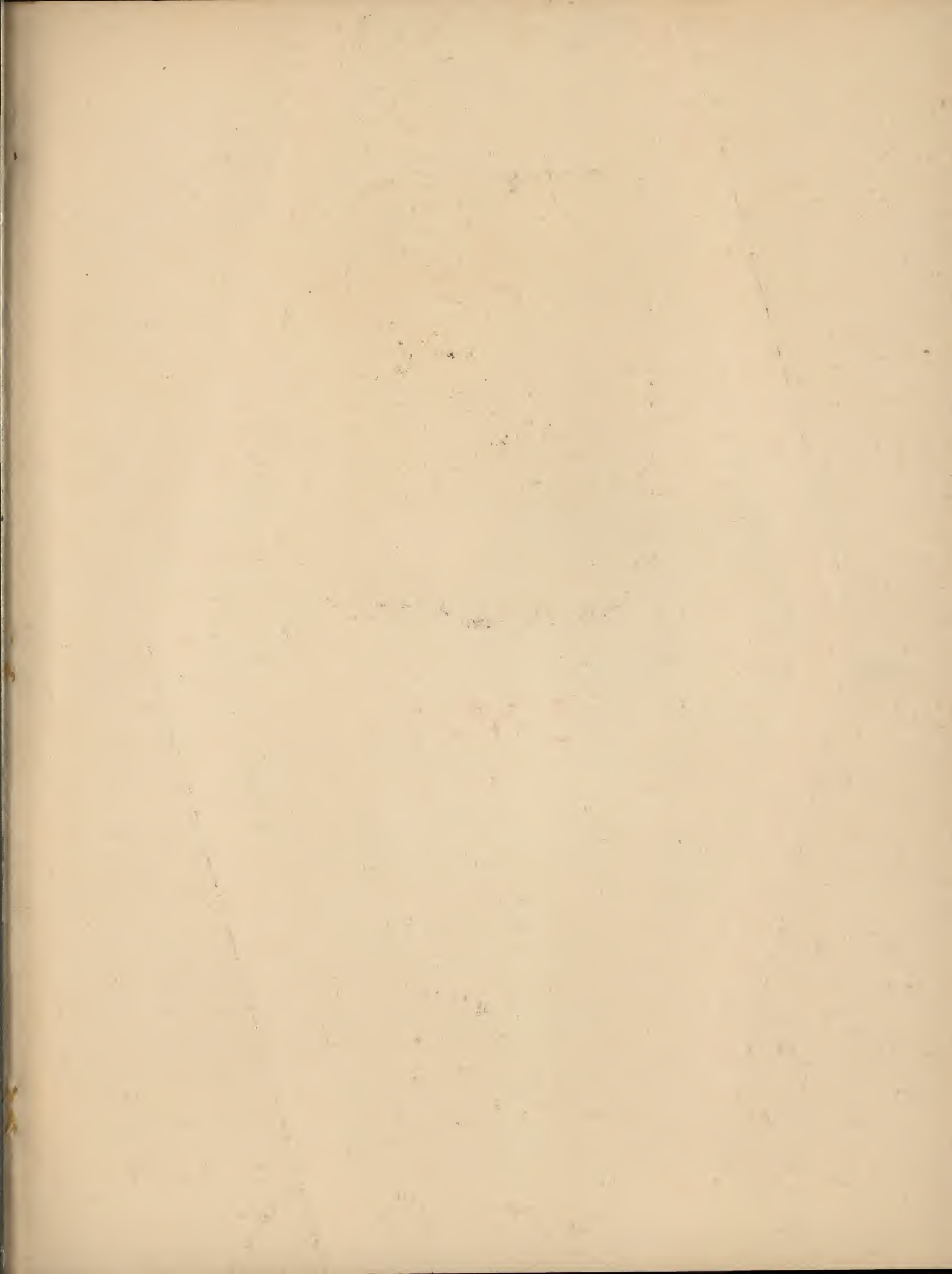
## We Will Rectify Any Mistake

It is always our aim to fill orders correctly, but we are not infallible, therefore mistakes may occur. In case of mistakes on our part, we always are ready to make good and will very willingly pay any and all expenses occasioned through such mistakes, all we ask is that you advise us.

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IT'S "HANDY"  
BY NAME  
TO GET  
TO USE



SEPTEMBER 1, 1936

**DEALER**  
**DISCOUNT SHEET**  
— OF —  
**F. MEYER & BRO. CO.**



*Manufacturers of*  
**THE HANDY  
FURNACE PIPE  
and FITTINGS**

---

OFFICE:

1311-1313 SOUTH ADAMS STREET  
TELEPHONE 4-4111

FACTORY:

916-918 SOUTH WASHINGTON STREET  
PEORIA, ILLINOIS

## **DISCOUNTS APPLYING TO LIST PRICES IN CATALOG No. 49 AND REVISED PRICE LIST**

### **HANDY FURNACE PIPE AND FITTINGS**

All Tin, Galvanized and Black Iron Furnace Pipe and Fittings. . . .75%

### **TERMS**

**Regular Terms:** Payment for goods is due net thirty days from shipping date, subject to 2% additional discount if paid in ten days from date of shipment.

### **FREIGHT ALLOWANCE**

Freight allowed on furnace pipe amounting to \$50.00 net or over, for shipment at one time (except elbows wired in dozen lots). The foregoing will be made equal to the freight at tariff rates to points on and east of the Missouri River (excepting North and South Dakota and Minnesota points north of 45th degree of latitude) and on and north of the Ohio River and a line extending eastward from Portsmouth, Ohio, through Richmond to Norfolk, Va.

On orders as described above to points west or south of the freight allowance territory, freight allowance will be made to equalize with the natural railway crossing point.

### **HANDLING CHARGE**

A handling charge amounting to 35c will be made on small orders of \$5.00 or less, and 50c on less than \$10.00, this charge to cover extra expense of handling, crating, cartons, cartage, etc.



## REGISTERS, FACES, ETC.

Rock Island No Streak Registers, Registers without Boxes and Boxes only.....	60-5%
Rock Island Out-O-Wall Registers.....	60-5%
Vol-Yum Registers.....	40-10%
Island City Registers.....	40%
Hart & Cooley Baseboard Registers, Class 110, 150 and 170.....	40%
Hart & Cooley Baseboard Registers Class 160 and 190.....	40-10%
Sidewall Wafer Registers.....	40%
Sidewall Cold Air Faces and Baseboard Ventilating Plates.....	40%
Adjustable Ceiling Ventilators.....	40%
Jones National and National Registers.....	40%
Symonds Registers.....	40%
Floor Registers, Steel.....	40%
Borders, Steel.....	40%
Borders, Cast.....	40%
Faces, Steel, sizes less than 14-inches in width.....	40%
Faces, Steel, sizes 14-inches and wider.....	65%
Faces, Cast, sizes less than 14-inches in width.....	40%
Faces, Cast, sizes 14-inches and wider.....	50%
Faces, Steel, (Oblong Hole Pattern).....	40%
Pebble Floor Registers and Cold Air Faces.....	40%
Duplex Faces.....	70%
Round Registers.....	Price on Application
Round Borders.....	40%
Round Faces, sizes less than 14-inches diameter.....	40%
Round Faces, sizes 14-inches and wider.....	50%

## QUANTITY DISCOUNTS

Orders of 1 to 49 pieces inclusive.....	Base Discount
Orders of 50 to 99 pieces inclusive.....	Base and 5%
Orders of 100 to 249 pieces inclusive.....	Base and 7½%
Orders of 250 to 499 pieces inclusive.....	Base and 10%
Orders of 500 to 999 pieces inclusive.....	Base and 20%
Quantity discounts do not apply on adjustable ventilators.	

## FREIGHT ALLOWANCE

On orders of 50 pieces for shipment at one time, freight is allowed to all points in Freight Allowance Territory described on opposite page.

Indicator Handles, Chain, Pulleys and Cord.....	50%
Floor Wood Faces.....	60%
Sidewall Wood Faces.....	50%
Majestic Coal Windows, Grade Line Coal Chutes and Under-ground Garbage Receivers.....	40%

## FURNACE SUPPLIES

All Supplies (Pages 60-80).....50%

## RADIATOR ENCLOSURES AND SHIELDS

Radiator Enclosures (Prime Coat Paint).....30%  
Radiator Enclosures (Painted in any Standard Color).....15%  
Superior Radiator Shields (Prime Coat Paint).....25%  
Superior Radiator Shields (Painted in any Standard Color) Net List  
Handy Radiator Shields (Galvanized, not Painted).....33 1/3%  
Handy Radiator Shields (Prime Coat Paint).....25%

## MYBRO ECONOMY RADIATOR ENCLOSURES FOR RADIATORS NOT OVER 38 INCHES HIGH

Prime Coat (Using same list price as radiator enclosures,  
page 84).....60%  
Unfinished (Using same list price as radiator enclosures,  
page 84).....65%

## ACCESSORIES

Dustop Filters (less than 1/2 dozen lots).....Net each \$1.25  
Dustop Filters (1/2 dozen lots).....Net each 1.10  
Dustop Filters (dozen lots).....Net each 1.05  
Boxes for Filters, 12-in. and 14-in. for 2 filters.....Net 5.50  
Boxes for Filters, 16-in. and 18-in., for 3 filters.....Net 6.00  
Boxes for Filters, 20-in. and 22-in., for 4 filters.....Net 6.50  
Boxes for Filters, 24-in., for 5 filters.....Net 7.50  
Roof Jacks, Ventilators, Galvanized Iron Skylights and Cast  
Iron Cutoffs.....50%  
Forcet-Air Booster (List \$25.20).....50%  
Victor Heat Booster No. FS14 (List \$9.76).....50%  
Victor Heat Booster No. FS10 (List \$7.74).....50%

## ROOFING TIN PLATE

20 x 28 1C Tin, 40 lb. coating, per box.....\$24.00  
20 x 28 1X Tin, 40 lb. coating, per box.....28.00  
20 x 28 1C Tin, 25 lb. coating, per box.....21.50

## COKE TIN PLATE FOR FURNACE PIPE

All Sizes.....Prices on Application

## GALVANIZED IRON AND BLACK IRON SHEETS

All Standard Gauges and Sizes.....Price on Application  
Prices and Discounts Subject to Change Without Notice

## DO NOT RETURN GOODS

The return of goods for any reason is a loss, therefore should not be done without our consent. If it is our mistake we will bear all expense; OTHERWISE,

Transportation and handling expense should be paid by customer. Goods not in salable condition should not be returned at all.

Please assist us to prevent unnecessary expense.

F. MEYER & BRO. CO.